



Obsolete Tube Types

SUPPLEMENTARY TEST DATA

for

MODELS 800 & 800A

TUBE TESTERS

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10514 DUPONT AVENUE • CLEVELAND, OHIO 44108

PHONE — 541-8060
TWX — CV 662

CABLE — HICKOK, CLEVELAND
WESTERN UNION — KJ

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
0A4	---	KS-0581-0	100	91	P5	----	NOTE 1.
0Y4	BLST	JX-3502-0	0	45	P2	----	SHORT ON 1-5. NOTE 1.
1A4	2.0	JR-0230-0	18	31	--	750	CAP = G. HOLD DOWN P1, PRESS P4.
1A5	1.5	JR-5340-0	38	35	P4	800	
1A6	2.0	JR-0250-4	16	0	--	500	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1A6	2.0	JR-4350-2	12	73	--	200	OSC. SECTION. HOLD DOWN P1, PRESS P4.
1A7	1.5	JR-0346-5	0	42	--	900	OK ABOVE 125.
1A7	1.5	JR-5643-0	32	73	--	450	PENTODE SECTION. CAP = G. HOLD DOWN P1 & PRES P4
1AB5	1.1	JR-6230-0	0	56	P4	1200	OSC. SECTION. HOLD DOWN P1 & PRESS P4
1AC5	1.1	EV-2780-0	23	20	--	750	O.K. ABOVE 275
1AD5	1.1	EV-2780-0	7	31	--	750	HOLD DOWN P1 & PRESS P4.
1AE4	1.1	DX-6210-0	25	45	P4	950	
1AF4	1.5	DX-6210-0	21	27	P4	700	
1AF5	1.5	DX-6580-0	3	15	--	600	PENTODE SECTION. HOLD DOWN P1 & PRESS P4
1AF5	1.5	DX-0100-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1AG5	1.1	EW-5120-3	40	0	P5	----	PENTODE SECTION. OK ABOVE 500 ON 3000 SCALE.
1AG5	1.1	EW-0300-0	0	50	P1	----	NOTE 1.
1AJ5	1.1	EW-5120-3	22	73	--	425	DIODE SECTION. NOTE 1.
1AJ5	1.1	EW-0300-0	0	40	P1	----	PENTODE SECTION. HOLD DOWN P1 & PRESS P4.
1AK5	1.1	EW-5120-3	40	0	P5	----	OK ABOVE 270.
1AK5	1.1	EW-0300-0	0	20	P1	----	DIODE SECTION. NOTE 1.
1AU3	1.1	JR-0000-0	0	53	P5	----	PENTODE SECTION. OK ABOVE 500 ON 3000 SCALE.
1AX2	1.5	BS-0000-0	0	53	P5	----	NOTE 1.
1B4	2.0	JR-0230-0	17	35	--	800	CAP = P. OK ABOVE DIODES OK. NOTE 1.
1B5	2.0	JR-5200-0	24	11	P4	575	CAP = P. NOTE 1.
1B5	2.0	BY-5400-0	0	30	P1	----	CAP = G. HOLD DOWN P1 & PRESS P4
1B5	2.0	JR-5300-0	0	30	P1	----	TRIODE SECTION.
1B7	1.5	JR-0340-5	4	48	--	1000	DIODE NO. 1. NOTE 1.
1B7	1.5	JR-5640-3	17	24	--	675	DIODE NO. 2. NOTE 1.
1C3	1.5	DX-8200-0	36	32	P4	760	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1C5	1.5	JR-5340-0	35	62	P4	1400	OSC. SECTION. HOLD DOWN P1, PRESS P4.
1C6	2.0	JR-0253-4	7	29	--	725	OK ABOVE 225.
1C6	2.0	JR-4352-0	30	73	--	375	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1C7	2.0	JR-0346-5	10	48	--	1000	OSC. SECTION. HOLD DOWN P1, PRESS P4.
1C7	2.0	JR-5643-0	28	73	--	400	OK ABOVE 250.
1D5	2.0	JR-0340-0	0	31	--	750	
1D7	2.0	JR-0346-5	12	24	--	675	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1D7	2.0	JR-5643-0	30	73	--	175	OSC. SECTION. HOLD DOWN P1, PRESS P4.
1D8	1.5	JR-5346-0	50	44	P4	925	OK ABOVE 110.
1D8	1.5	JR-5643-0	11	11	P4	575	PENTODE SECTION.
1D8	1.5	JR-5743-0	0	20	P1	----	TRIODE SECTION. CAP = G.
1DN5	1.5	DX-6210-0	32	15	P4	600	DIODE SECTION. NOTE 1.
1DN5	1.5	HT-0800-0	0	0	P1	----	PENTODE SECTION.
1E3	1.1	EV-1800-0	22	81	P4	3000	DIODE SECTION. NOTE 1.
1E4	1.5	JR-5300-0	0	60	P4	1300	
1E5	2.0	JR-0340-0	13	35	--	800	CAP = G. HOLD DOWN P1 & PRESS P4 FOR READING.
1E7	2.0	JR-5673-4	11	55	P4	1150	PENTODE NO. 1.
1E7	2.0	JR-4376-5	11	55	P4	1150	PENTODE NO. 2.
1F4	2.0	JR-3240-0	16	62	P4	1400	
1F5	2.0	JR-5340-0	12	62	P4	1400	
1F6	2.0	JR-0230-0	8	21	--	650	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1F6	2.0	JR-0530-0	0	0	P1	----	DIODE NO. 1. NOTE 1.
1F6	2.0	JR-0430-0	0	0	P1	----	DIODE NO. 2. NOTE 1.
1F7	2.0	JR-0360-0	8	21	--	650	PENTODE SECTION. CAP = G. HOLD DOWN P1, PRESS
1F7	2.0	JR-0463-0	0	0	P1	----	DIODE NO. 1. NOTE 1.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
1F7	2.0	JR-0563-0	0	0	P1	----	DIODE NO. 2. NOTE 1.
1G4	1.5	JR-5300-0	48	37	P4	825	
1G5	2.0	JR-5340-0	28	65	P4	1500	
1G6	1.5	JR-5600-0	19	24	P4	675	TRIODE NO. 1.
1G6	1.5	JR-4300-0	19	24	P4	675	TRIODE NO. 2.
1H4	2.0	JR-5300-0	40	42	P4	900	
1H5	1.5	JR-0300-0	21	73	P4	275	TRIODE SECTION. CAP = G. OK ABOVE 175.
1H5	1.5	JR-0500-0	0	35	P1	----	DIODE SECTION. NOTE 1.
1H6	2.0	JR-6300-0	24	11	P4	575	TRIODE SECTION.
1H6	2.0	BY-6500-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
1H6	2.0	JR-6400-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
1J3	1.1	JR-0000-0	0	53	P5	----	CAP = P. OK ABOVE DIODES OK. NOTE 1.
1J5	2.0	JR-5340-0	46	45	P4	950	
1J6	2.0	JR-5600-0	15	48	P4	1000	TRIODE NO. 1.
1J6	2.0	JR-4300-0	15	48	P4	1000	TRIODE NO. 2.
1L4	1.5	HT-6210-0	19	49	P4	1025	
1L6	1.5	DX-6251-8	0	35	--	800	PENTODE SECTION. HOLD DOWN P1 & PRESS P4
1L6	1.5	DX-8152-6	0	0	--	500	OSC. SECTION. HOLD DOWN P1 & PRESS P4
1LA4	1.5	JR-6230-0	38	35	P4	800	
1LA6	1.5	JR-6253-4	0	48	--	1000	PENTODE SECTION. HOLD DOWN P1 & PRESS P4
1LA6	1.5	JR-4352-6	14	0	--	500	OSC. SECTION. HOLD DOWN P1 & PRESS P4
1LB4	1.5	JR-6230-0	46	44	P4	925	
1LC5	1.5	JR-6234-0	0	31	--	750	HOLD DOWN P1 & PRESS P4
1LC6	1.5	JR-6253-4	10	48	--	1000	PENTODE SECTION. HOLD DOWN P1 & PRESS P4
1LC6	1.5	JR-4352-6	30	7	--	550	OSC. SECTION. HOLD DOWN P1 & PRESS P4
1LD5	1.5	JR-6230-0	0	33	--	775	PENTODE SECTION. HOLD DOWN P1 & PRESS P4
1LD5	1.5	JR-0400-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1LE3	1.5	JR-6205-0	0	60	P4	1300	
1LF3	1.5	JR-6205-0	25	56	P4	1200	
1LG5	1.5	JR-6234-0	15	50	P4	1050	
1LH4	1.5	JR-6200-0	16	73	P4	275	TRIODE SECTION. OK ABOVE 175.
1LH4	1.5	BY-6400-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1LN5	1.5	JR-6234-0	11	31	P4	750	
1N5	1.5	JR-0340-0	11	31	P4	750	CAP = G.
1N6	1.5	JR-5340-0	40	35	P4	800	PENTODE SECTION.
1N6	1.5	JR-0600-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1P5	1.5	JR-0340-0	12	35	P4	800	CAP = G.
1Q5	1.5	JR-5340-0	42	75	P4	2100	
1Q6	1.1	EV-2780-0	15	73	--	400	PENTODE SECTION. HOLD DOWN P1 & PRESS P4.
1Q6	1.1	EV-0600-0	0	0	P1	----	OK ABOVE 250.
1Q6	1.1	EV-0600-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1R4	1.5	JR-0407-0	0	40	P1	----	NOTE 1.
1S6	1.1	EV-3180-0	12	73	--	450	PENTODE SECTION. HOLD DOWN P1 & PRESS P4.
1S6	1.1	EV-0600-0	0	0	P1	----	OK ABOVE 275.
1S6	1.1	EV-0600-0	0	0	P1	----	DIODE SECTION. OK ABOVE 500 ON 3000 SCALE.
1S6	1.1	EV-0600-0	0	0	P1	----	NOTE 1.
1SB6	1.5	JR-7340-0	5	21	--	650	PENTODE SECTION. HOLD DOWN P1, PRESS P4.
1SB6	1.5	BY-7500-0	0	0	P1	----	DIODE SECTION. NOTE 1.
1T4	1.5	DX-6210-0	0	33	--	775	HOLD DOWN P1 & PRESS P4
1T5	1.5	JR-5340-0	44	55	P4	1150	
1T6	1.1	EV-3180-0	12	73	--	450	PENTODE SECTION. HOLD DOWN P1 & PRESS P4. OK
1T6	1.1	EV-0600-0	0	0	P1	----	ABOVE 275.
1T6	1.1	EV-0600-0	0	0	P1	----	DIODE SECTION. OK ABOVE 500 ON 3000 SCALE.
1U5	1.5	DX-6210-0	34	3	P4	525	NOTE 1.
1U5	1.5	DX-6210-0	34	3	P4	525	PENTODE SECTION.
1U5	1.5	HT-6810-0	0	22	P1	----	DIODE SECTION. NOTE 1.
1U6	1.5	DX-6251-8	10	48	--	1000	AMPL. SECTION. HOLD DOWN P1 & PRESS P4
1U6	1.5	DX-8156-2	10	0	--	500	OSC. SECTION. HOLD DOWN P1 & PRESS P4
1V	6.3	JR-0203-0	0	60	P3	----	NOTE 1.
1V5	1.1	EV-2780-0	23	20	--	750	HOLD DOWN P1 & PRESS P4.
1V6	1.1	EX-3120-6	29	0	P5	----	PENTODE SECTION. OK ABOVE DIODES OK. NOTE 1.
1V6	1.1	EX-5600-3	0	0	P1	----	TRIODE SECTION. OK ABOVE 500 ON 3000 SCALE.
1W4	1.5	DX-6210-0	44	44	P4	925	NOTE 1.

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1Z2	1.5	DS-0000-0	0	80	P5	----	CAP = P. NOTE 1.
2A3	2.5	JR-3200-0	68	81	P4	3000	
2A4	2.5	JR-5300-0	--	96	P5	----	STRIKES AT ABOUT 44. SHORT ON 1-2. NOTES 1 &
2A5	2.5	JR-4235-0	0	73	P4	2000	
2A6	2.5	JR-0205-0	14	31	P4	750	TRIODE SECTION. CAP = G.
2A6	2.5	JR-0405-0	0	32	P1	----	DIODE NO. 1. NOTE 1.
2A6	2.5	JR-0305-0	0	32	P1	----	DIODE NO. 2. NOTE 1.
2A7	2.5	JR-0236-5	16	48	P4	1000	PENTODE SECTION. CAP = G.
2A7	2.5	JR-5436-0	16	0	P4	500	OSC. SECTION.
2B3	1.5	JR-0000-0	0	80	P5	----	CAP = P. OK ABOVE DIODES OK. NOTE 1.
2B4	2.5	JR-3204-0	--	95	P5	----	STRIKES AT ABOUT 68. NOTES 1 & 2.
2B6	2.5	JR-4236-0	0	62	P4	1400	
2B7	2.5	JR-0236-0	20	48	P4	1000	PENTODE SECTION. CAP = G.
2B7	2.5	JR-0536-0	0	32	P1	----	DIODE NO. 1. NOTE 1.
2B7	2.5	JR-0436-0	0	32	P1	----	DIODE NO. 2. NOTE 1.
2B22	6.3	JR-0007-0	0	62	P3	----	TOP WASHER = P. NOTE 1.
2B23	6.3	JR-0307-0	0	48	P2	----	NOTE 1.
2C4	2.5	HT-1508-0	--	95	P5	----	STRIKES AT ABOUT 70. NOTES 1 & 2.
2C21	6.3	JR-4506-0	35	62	P4	1375	TRIODE NO. 1.
2C21	6.3	JR-0302-0	35	62	P4	1375	TRIODE NO. 2. CAP = G.
2C22	6.3	JR-0007-0	23	81	P4	3000	FAR CAP = G. NEAR CAP = P.
2C26	6.3	JR-0007-0	18	65	P4	1500	RIGHT CAP = P. LEFT CAP = G.
2C40	6.3	JR-0007-0	17	80	P4	2800	CAP = P. RING = G.
2C43	6.3	JR-0007-0	10	86	P4	4000	CAP = P. RING = G.
2C45	7.5	JR-3200-0	37	75	P4	2000	
2C50	12.6	JX-2103-0	41	70	P4	1800	TRIODE NO. 1.
2C50	12.6	JX-4506-0	41	70	P4	1800	TRIODE NO. 2.
2C52	12.6	JX-4506-1	12	48	P4	1000	TRIODE NO. 1.
2C52	12.6	JX-2103-5	12	48	P4	1000	TRIODE NO. 2.
2C53	6.3	JR-5007-0	0	73	P4	300	CAP = P. OK ABOVE 190.
2D24	2.5	JR-2305-0	35	87	P4	4000	
2E5	2.5	JR-5403-0	--	--	P4	----	EYE OPEN.
2E5	2.5	JR-5423-0	--	--	P4	----	EYE CLOSED.
2E22	6.3	JR-3024-0	40	75	P4	2200	CAP = P.
2E24	6.3	JR-5030-0	35	82	P4	3200	CAP = P.
2E25	6.3	JR-5040-7	0	79	P4	2600	CAP = P.
2E26	6.3	JR-5032-7	37	84	P4	3500	CAP = P.
2E30	6.3	JR-3560-2	14	81	P4	3000	
2E31	1.1	DV-4120-0	20	0	--	500	HOLD DOWN P1 & PRESS P4.
2E32	1.1	DV-4120-0	20	0	--	500	HOLD DOWN P1 & PRESS P4.
2E35	1.1	DV-4120-0	23	0	--	500	HOLD DOWN P1 & PRESS P4.
2E36	1.1	DV-4120-0	23	0	--	500	HOLD DOWN P1 & PRESS P4.
2E41	1.1	EW-5120-0	26	73	--	375	PENTODE SECTION. HOLD DOWN P1 & PRESS P4. OK ABOVE 250.
2E41	1.1	EW-0300-0	0	0	P1	----	DIODE SECTION. OK ABOVE 250 ON 3000 SCALE. NOTE 1.
2E42	1.1	EW-5120-0	26	73	--	375	PENTODE SECTION. HOLD DOWN P1 & PRESS P4. OK ABOVE 250.
2E42	1.1	EW-0300-0	0	0	P1	----	DIODE SECTION. OK ABOVE 250 ON 3000 SCALE. NOTE 1.
2G21	1.1	EX-3265-1	51	0	P5	----	HEPTODE SECTION. OK ABOVE DIODES OK. NOTE 1.
2G21	1.1	EX-3100-0	47	0	P5	----	TRIODE SECTION. NOTE 1.
2G22	1.1	EX-3265-1	51	0	P5	----	HEPTODE SECTION. OK ABOVE DIODES OK. NOTE 1.
2G22	1.1	EX-3100-0	47	0	P5	----	TRIODE SECTION. NOTE 1.
2V2	2.5	JR-0005-0	0	68	P5	----	CAP = P. SHORT ON 1. NOTE 1.
2V3	2.5	JR-0000-0	0	75	P5	----	CAP = P. NOTE 1.
2W3	2.5	HR-0400-0	0	54	P3	----	NOTE 1.
2X2A	2.5	JR-0000-0	0	87	P5	----	CAP = P. NOTE 1.
2Z2	2.5	JR-0200-0	0	32	P3	----	NOTE 1.
3A4	2.5	DX-8210-0	36	67	P4	1600	
3A5	3.0	DX-5600-0	35	73	P4	2000	TRIODE NO. 1.
3A5	3.0	HT-1200-0	35	73	P4	2000	TRIODE NO. 2.
3A8	2.5	JR-0340-0	17	31	P4	750	PENTODE SECTION. SHORT ON 3. CAP = G.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
3A8	2.5	JR-5600-0	0	0	P4	500	TRIODE SECTION. SHORT ON 3.
3A8	2.5	BY-0740-0	0	32	P1	----	DIODE SECTION. SHORT ON 3. NOTE 1.
							EACH SECTION# NO SHORTS FOR TESTERS HAVING
							SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000
3B5	2.5	JR-5340-0	32	65	--	1500	HOLD DOWN P1, PRESS P4.
3B7	2.5	BY-6700-0	27	65	P4	1500	TRIODE NO. 1.
3B7	2.5	JR-3200-0	27	65	P4	1500	TRIODE NO. 2.
3B24	3.0	JR-0000-0	0	90	P5	----	CAP = P. SHORT ON 3. NO SHORTS FOR TESTERS
							HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR
							138-10000. NOTE 1.
3B24	3.0	CR-0000-0	0	90	P5	----	CAP = P. NOTE 1.
3B29	4.3	JR-0000-0	0	93	P5	----	CAP = P. NOTE 1.
3C2	3.0	JR-0000-0	0	88	P5	----	CAP = P. OK ABOVE DIODES OK. NOTE 1.
3C6	2.5	BY-5600-0	10	53	P4	1100	TRIODE NO. 1.
3C6	2.5	JR-4300-0	10	53	P4	1100	TRIODE NO. 2.
3CF6	3.0	JR-3562-7	11	86	P4	4000	
3D6	2.5	JR-6230-0	36	74	P4	2100	
3E5	2.5	DX-6215-0	28	56	--	1200	SHORT ON 1. HOLD DOWN P1 & PRESS P4
3E6	3.0	JR-6234-0	15	69	P4	1750	
3ES5	3.0	JR-2503-0	10	88	P4	5000	
3FQ5	3.0	JR-2507-0	21	88	P4	5100	
3FQ5A	3.0	JR-2507-0	21	89	P4	5600	
3GS8	3.0	EV-7821-9	0	10	--	550	PENTODE NO. 1. HOLD DOWN P1 & PRESS P4.
3GS8	3.0	EV-7321-6	0	10	--	550	PENTODE NO. 2. HOLD DOWN P1 & PRESS P4.
3GU5	3.0	JR-3562-0	13	89	P4	5400	
3HM6	3.0	EV-2781-9	11	84	P4	3500	
3HS8	3.0	EV-7821-9	10	21	P4	650	PENTODE NO. 1.
3HS8	3.0	EV-7321-6	10	21	P4	650	PENTODE NO. 2.
3HT6	3.0	EV-2781-9	10	85	P4	3800	
3LE4	2.5	JR-6230-0	55	53	P4	1100	
3LF4	2.5	JR-6230-0	27	67	P4	1600	
3Q4	3.0	HT-1280-0	15	75	P4	2150	
3Q5	2.5	JR-5340-0	34	70	P4	1800	
3S4	2.5	HT-1280-0	24	65	--	1500	HOLD DOWN P1 & PRESS P4
4A6	3.0	JR-5600-0	25	48	P4	1000	TRIODE NO. 1.
4A6	3.0	BY-4300-0	25	48	P4	1000	TRIODE NO. 2.
4BA6	4.3	JR-3567-2	0	79	P4	2700	
4BE6	4.3	JR-7562-3	0	35	--	800	AMPL. SECTION. HOLD DOWN P1 & PRESS P4.
4BE6	4.3	JR-3602-7	20	90	P4	6500	OSC. SECTION.
4BX8	4.3	EV-7608-9	30	82	P4	3200	TRIODE NO. 1.
4BX8	4.3	EV-2103-9	30	82	P4	3200	TRIODE NO. 2.
4BZ8	4.3	EV-7608-9	20	88	P4	5000	TRIODE NO. 1.
4BZ8	4.3	EV-2103-9	20	88	P4	5000	TRIODE NO. 2.
4CE5	4.3	JR-3562-0	11	84	P4	3500	
4GW5	4.3	JR-2305-0	21	88	P4	5000	
5A6	5.0	EV-7160-3	41	81	P4	3000	
5AS4	5.0	HR-0600-0	0	35	P3	----	PLATE NO. 1. NOTE 1.
5AS4	5.0	HR-0400-0	0	30	P3	----	PLATE NO. 2. NOTE 1.
5AW4	6.3	HR-0600-4	0	47	P3	----	PLATE NO. 1. NOTE 1.
5AW4	6.3	HR-0400-6	0	42	P3	----	PLATE NO. 2. NOTE 1.
5AX4	5.0	HR-0600-0	0	22	P3	----	PLATE NO. 1. NOTE 1.
5AX4	5.0	HR-0400-0	0	18	P3	----	PLATE NO. 2. NOTE 1.
5AZ4	5.0	JS-0400-6	0	17	P3	----	PLATE NO. 1. NOTE 1.
5AZ4	5.0	JS-0600-4	0	22	P3	----	PLATE NO. 2. NOTE 1.
5BS8	5.0	EV-7608-9	19	87	P4	4500	TRIODE NO. 1.
5BS8	5.0	EV-2103-9	19	87	P4	4500	TRIODE NO. 2.
5BZ7	5.0	EV-7608-9	20	83	P4	3200	TRIODE NO. 1.
5BZ7	5.0	EV-2103-9	20	83	P4	3200	TRIODE NO. 2.
5CM6	5.0	EV-3917-0	13	86	P4	4100	
5CR8	5.0	EV-2673-8	10	85	P4	3800	PENTODE SECTION.
5CR8	5.0	EV-9108-0	22	85	P4	4000	TRIODE SECTION.
5CU4	5.0	HR-0602-0	0	58	P3	----	PLATE NO. 1. NOTE 1.
5CU4	5.0	HR-0402-0	0	58	P3	----	PLATE NO. 2. NOTE 1.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
5EH8	5.0	EV-7986-0	0	84	P4	3800	PENTODE SECTION.
5EH8	5.0	EV-2301-0	16	90	P4	6500	TRIODE SECTION.
5T4	5.0	HR-0600-0	0	54	P3	----	PLATE NO. 1. NOTE 1.
5T4	5.0	HR-0400-0	0	47	P3	----	PLATE NO. 2. NOTE 1.
5W4	5.0	HR-0600-0	0	20	P3	----	PLATE NO. 1. NOTE 1.
5W4	5.0	HR-0400-0	0	15	P3	----	PLATE NO. 2. NOTE 1.
5X3	5.0	JR-0300-0	0	0	P3	----	PLATE NO. 1. NOTE 1.
5X3	5.0	JR-0200-0	0	0	P3	----	PLATE NO. 2. NOTE 1.
5X4	5.0	JX-0500-0	0	43	P3	----	PLATE NO. 1. NOTE 1.
5X4	5.0	JX-0300-0	0	39	P3	----	PLATE NO. 2. NOTE 1.
5Y4	5.0	JX-0500-0	0	16	P3	----	PLATE NO. 1. NOTE 1.
5Y4	5.0	JX-0300-0	0	12	P3	----	PLATE NO. 2. NOTE 1.
5Z3	5.0	JR-0300-0	0	43	P3	----	PLATE NO. 1. NOTE 1.
5Z3	5.0	JR-0200-0	0	39	P3	----	PLATE NO. 2. NOTE 1.
5Z4	5.0	HR-0600-0	0	65	P3	----	PLATE NO. 1. NOTE 1.
5Z4	5.0	HR-0400-0	0	65	P3	----	PLATE NO. 2. NOTE 1.
6A3	6.3	JR-3200-0	66	81	P4	3000	
6A4	6.3	JR-3240-0	23	73	P4	2000	
6A5	6.3	JR-5300-0	69	81	P4	3000	
6A6	6.3	JR-5604-0	15	65	P4	1500	TRIODE NO. 1.
6A6	6.3	JR-3204-0	15	65	P4	1500	TRIODE NO. 2.
6A7	6.3	JR-0236-5	14	48	P4	1000	PENTODE SECTION. CAP = G.
6A7	6.3	JR-5436-2	14	73	P4	300	OSC. SECTION. OK ABOVE 190.
6A8	6.3	JR-0347-5	11	48	P4	1000	PENTODE SECTION. CAP = G.
6A8	6.3	JR-5647-3	11	73	P4	300	OSC. SECTION. OK ABOVE 190.
6AB5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6AB5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6AB6	6.3	JR-5347-0	0	63	P4	1450	
6AB7	6.3	JR-4765-3	0	84	P4	3500	
6AB8	6.3	EV-9683-7	18	83	P4	3300	PENTODE SECTION.
6AB8	6.3	EV-2103-0	27	61	P4	1350	TRIODE SECTION.
6AC5	6.3	JR-5307-0	0	48	P4	1000	
6AC6	6.3	JR-5347-0	0	77	P4	2400	
6AD4	6.3	DW-1805-0	20	56	P4	1200	
6AD6	6.3	JR-4357-0	--	--	P4	----	EYE 1 OPEN. EYE 2 CLOSED.
6AD6	6.3	JR-3457-0	--	--	P4	----	EYE 2 OPEN. EYE 1 CLOSED.
6AD7	6.3	JR-5347-6	23	73	P4	2000	PENTODE SECTION.
6AD7	6.3	JR-2607-3	0	15	P4	600	TRIODE SECTION.
6AE5	6.3	JR-5307-0	67	56	P4	1200	
6AE6	6.3	JR-5407-3	0	31	P4	750	TRIODE NO. 1.
6AE6	6.3	JR-5307-4	0	39	P4	850	TRIODE NO. 2.
6AE7	6.3	JR-6307-4	32	65	P4	1500	TRIODE NO. 1.
6AE7	6.3	JR-4305-6	32	65	P4	1500	TRIODE NO. 2.
6AF5	6.3	JR-5307-0	49	65	P4	1500	
6AF6	6.3	JR-4357-0	--	--	P4	----	EYE 1 OPEN. EYE 2 CLOSED.
6AF6	6.3	JR-3457-0	--	--	P4	----	EYE 2 OPEN. EYE 1 CLOSED.
6AH4	6.3	JR-2507-0	45	87	P4	4500	
6AH5	6.3	JR-6427-0	17	88	P4	5000	
6AH6	6.3	JR-3567-2	0	88	P4	5000	
6AH7	6.3	JX-5604-0	22	77	P4	2400	TRIODE NO. 1.
6AH7	6.3	JX-2301-0	22	77	P4	2400	TRIODE NO. 2.
6AJ4	6.3	JX-1502-0	21	91	P4	7000	
6AJ5	6.3	JR-3562-0	10	80	--	2750	HOLD DOWN P1 & PRESS P4
6AJ7	6.3	JR-4765-3	0	88	P4	5000	
6AK4	6.3	DW-1805-7	25	85	P4	3800	
6AK7	6.3	JR-4765-2	0	90	P4	6000	
6AL7	6.3	JR-6357-0	--	100	P4	----	BIAS CONTROLS LEFT PATTERN. BIAS = VARY.
6AL7	6.3	JR-5347-0	--	100	P4	----	BIAS CONTROLS BOTH PATTERNS. BIAS = VARY.
6AL7	6.3	JR-4357-0	--	100	P4	----	BIAS CONTROLS RIGHT PATTERN. BIAS = VARY.
6AM4	6.3	JX-1502-0	18	86	P4	4000	
6AN6	6.3	HT-0506-0	0	65	P1	----	PLATE NO. 1. NOTE 1.
6AN6	6.3	HT-0806-0	0	65	P1	----	PLATE NO. 2. NOTE 1.
6AN6	6.3	HT-0106-0	0	65	P1	----	PLATE NO. 3. NOTE 1.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6AN6	6.3	HT-0206-0	0	65	P1	----	PLATE NO. 4. NOTE 1.
6AQ6	6.3	JR-3702-0	6	55	P4	1150	TRIODE SECTION.
6AQ6	6.3	JR-0602-0	0	26	P1	----	DIODE NO. 1. NOTE 1.
6AQ6	6.3	JR-0502-0	0	26	P1	----	DIODE NO. 2. NOTE 1.
6AQ7	6.3	JX-4506-0	13	48	P4	1000	TRIODE SECTION.
6AQ7	6.3	JX-4201-0	0	52	P1	----	DIODE NO. 1. NOTE 1.
6AQ7	6.3	JX-4301-0	0	52	P1	----	DIODE NO. 2. NOTE 1.
6AR5	6.3	JR-3562-0	34	67	P4	1600	
6AR6	6.3	GX-8352-0	21	89	P4	5400	
6AR8	6.3	EV-6937-1	0	72	P4	1900	PLATE NO. 1. DISREGARD NEON FLASH IN SHORT TESTING.
6AR8	6.3	EV-6837-1	0	72	P4	1900	PLATE NO. 2. DISREGARD NEON FLASH IN SHORT TESTING.
6AS5	6.3	JR-2763-0	0	89	P4	5600	
6AU7	6.3	EV-7608-0	24	75	P4	2200	TRIODE NO. 1.
6AU7	6.3	EV-2103-0	24	75	P4	2200	TRIODE NO. 2.
6AV5	6.3	JR-2573-0	53	88	P4	5500	
6AW7	6.3	JX-1602-0	0	56	P4	1200	TRIODE SECTION.
6AW7	6.3	JX-1305-0	0	76	P1	----	DIODE NO. 1. NOTE 1.
6AW7	6.3	JX-1402-0	0	76	P1	----	DIODE NO. 2. NOTE 1.
6AX6	6.3	JR-0507-0	0	68	P3	----	PLATE NO. 1. NOTE 1.
6AX6	6.3	JR-0304-0	0	68	P3	----	PLATE NO. 2. NOTE 1.
6AX7	6.3	EV-7608-0	12	58	P4	1250	TRIODE NO. 1.
6AX7	6.3	EV-2103-0	12	58	P4	1250	TRIODE NO. 2.
6AX8	6.3	EV-2637-0	7	75	P4	2200	PENTODE SECTION.
6AX8	6.3	EV-9108-0	12	88	P4	5000	TRIODE SECTION.
6AZ5	6.3	DW-0807-0	0	74	P1	----	DIODE NO. 1. NOTE 1.
6AZ5	6.3	DW-0102-0	0	74	P1	----	DIODE NO. 2. NOTE 1.
6AZ6	6.3	DW-0204-8	0	78	P1	----	DIODE NO. 1. NOTE 1.
6AZ6	6.3	DW-0705-8	0	78	P1	----	DIODE NO. 2. NOTE 1.
6B4	6.3	JR-5300-0	66	81	P4	3000	
6B5	6.3	JR-4235-0	0	59	P4	1300	
6B6	6.3	JR-0307-0	14	31	P4	750	TRIODE SECTION. CAP = G.
6B6	6.3	JR-0507-0	0	42	P1	----	DIODE NO. 1. NOTE 1.
6B6	6.3	JR-0407-0	0	42	P1	----	DIODE NO. 2. NOTE 1.
6B7	6.3	JR-0236-0	22	48	P4	1000	PENTODE SECTION. CAP = G.
6B7	6.3	JR-0536-0	0	38	P1	----	DIODE NO. 1. NOTE 1.
6B7	6.3	JR-0436-0	0	38	P1	----	DIODE NO. 2. NOTE 1.
6B8	6.3	JR-0367-2	18	55	P4	1150	PENTODE SECTION. CAP = G.
6B8	6.3	JR-0567-2	0	24	P1	----	DIODE NO. 1. NOTE 1.
6B8	6.3	JR-0467-2	0	24	P1	----	DIODE NO. 2. NOTE 1.
6BD5	6.3	JR-2573-0	11	88	P4	5000	
6BD6	6.3	JR-3567-2	8	73	P4	2000	
6BE7	6.3	EV-7163-9	29	48	P4	1000	
6BE8	6.3	EV-9678-3	7	75	P4	2200	PENTODE SECTION.
6BE8	6.3	EV-1203-0	12	88	P4	5000	TRIODE SECTION.
6BF5	6.3	JR-3562-0	44	83	P4	3400	
6BF6	6.3	JR-3702-0	19	72	P4	1900	TRIODE SECTION.
6BF6	6.3	JR-3602-0	0	26	P1	----	DIODE NO. 1. NOTE 1.
6BF6	6.3	JR-3502-0	0	26	P1	----	DIODE NO. 2. NOTE 1.
6BF7	6.3	DW-7805-0	22	78	P4	2500	TRIODE NO. 1.
6BF7	6.3	DW-2104-0	22	78	P4	2500	TRIODE NO. 2.
6BF8	6.3	EV-0906-0	0	80	P1	----	DIODE NO. 1. NOTE 1.
6BF8	6.3	EV-0806-0	0	80	P1	----	DIODE NO. 2. NOTE 1.
6BF8	6.3	EV-0706-0	0	80	P1	----	DIODE NO. 3. NOTE 1.
6BF8	6.3	EV-0306-0	0	80	P1	----	DIODE NO. 4. NOTE 1.
6BF8	6.3	EV-0206-0	0	80	P1	----	DIODE NO. 5. NOTE 1.
6BF8	6.3	EV-0106-0	0	80	P1	----	DIODE NO. 6. NOTE 1.
6BG6	6.3	JR-5073-0	12	90	P4	6000	CAP = P.
6BG7	6.3	DW-7805-0	22	78	P4	2500	TRIODE NO. 1.
6BG7	6.3	DW-2104-0	22	78	P4	2500	TRIODE NO. 2.
6BJ6	6.3	JR-3562-7	0	78	P4	2500	
6BK5	6.3	EV-3186-0	0	88	P4	5000	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6BK6	6.3	JR-3702-5	0	58	P4	1250	TRIODE SECTION.
6BK6	6.3	JR-0602-5	0	57	P1	----	DIODE NO. 1. NOTE 1.
6BK6	6.3	JR-0502-7	0	57	P1	----	DIODE NO. 2. NOTE 1.
6BL4	6.3	JX-0503-0	0	65	P3	----	NOTE 1.
6BS8	6.3	EV-7608-9	19	87	P4	4500	TRIODE NO. 1.
6BS8	6.3	EV-2103-9	19	87	P4	4500	TRIODE NO. 2.
6BT6	6.3	JR-3702-0	12	60	P4	1300	TRIODE SECTION.
6BT6	6.3	JR-3602-0	0	57	P1	----	DIODE NO. 1. NOTE 1.
6BT6	6.3	JR-3502-0	0	57	P1	----	DIODE NO. 2. NOTE 1.
6BT8	6.3	EV-8679-0	19	75	P4	2200	PENTODE SECTION.
6BT8	6.3	EV-0103-0	0	68	P1	----	DIODE NO. 1. NOTE 1.
6BT8	6.3	EV-0203-0	0	68	P1	----	DIODE NO. 2. NOTE 1.
6BU6	6.3	JR-3702-0	28	65	P4	1500	TRIODE SECTION.
6BU6	6.3	JR-3602-0	0	50	P1	----	DIODE NO. 1. NOTE 1.
6BU6	6.3	JR-3502-0	0	50	P1	----	DIODE NO. 2. NOTE 1.
6BV8	6.3	EV-2301-0	21	89	P4	5600	TRIODE SECTION.
6BV8	6.3	EV-0907-0	0	78	P1	----	DIODE NO. 1. NOTE 1.
6BV8	6.3	EV-0608-0	0	78	P1	----	DIODE NO. 2. NOTE 1.
6BW4	6.3	EV-0709-1	0	20	P3	----	PLATE NO. 1. NOTE 1.
6BW4	6.3	EV-0109-7	0	20	P3	----	PLATE NO. 2. NOTE 1.
6BX6	6.3	EV-2781-9	10	86	P4	4200	
6BX7	6.3	JX-4506-1	33	92	P4	7600	TRIODE NO. 1.
6BX7	6.3	JX-2103-5	33	92	P4	7600	TRIODE NO. 2.
6BX8	6.3	EV-7608-9	30	82	P4	3200	TRIODE NO. 1.
6BX8	6.3	EV-2103-9	30	82	P4	3200	TRIODE NO. 2.
6BY5	6.3	JR-0507-0	0	50	P3	----	PLATE NO. 1. NOTE 1.
6BY5	6.3	JR-0402-0	0	50	P3	----	PLATE NO. 2. NOTE 1.
6BZ8	6.3	EV-7608-9	20	88	P4	5000	TRIODE NO. 1.
6BZ8	6.3	EV-2103-9	20	88	P4	5000	TRIODE NO. 2.
6C5	6.3	JR-5307-0	23	73	P4	2000	
6C6	6.3	JR-0235-4	20	57	P4	1225	CAP = G.
6C7	6.3	JR-0206-0	24	58	P4	1250	TRIODE SECTION. CAP = G.
6C7	6.3	JR-0506-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
6C7	6.3	JR-0406-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
6C8	6.3	JR-5607-0	20	48	P4	1000	TRIODE NO. 1.
6C8	6.3	JR-0304-0	20	48	P4	1000	TRIODE NO. 2. CAP = G.
6CF6	6.3	JR-3562-7	11	86	P4	4000	
6CH7	6.3	EV-7608-0	20	83	P4	3200	TRIODE NO. 1.
6CH7	6.3	EV-2103-0	20	83	P4	3200	TRIODE NO. 2.
6CH8	6.3	EV-7236-0	7	86	P4	4000	PENTODE SECTION.
6CH8	6.3	EV-8901-0	24	83	P4	3300	TRIODE SECTION.
6CJ6	6.3	EV-2073-1	51	87	P4	4600	CAP = P.
6CK4	6.3	JR-2507-0	44	89	P4	5500	
6CK6	6.3	EV-2713-6	0	91	P4	7000	
6CM8	6.3	EV-2673-0	11	84	P4	3500	PENTODE SECTION.
6CM8	6.3	EV-9108-0	12	65	P4	1500	TRIODE SECTION.
6CR6	6.3	JR-7563-2	12	72	P4	1950	PENTODE SECTION.
6CR6	6.3	JR-0203-0	0	45	P1	----	DIODE SECTION. NOTE 1.
6CR8	6.3	EV-2673-8	10	85	P4	3800	PENTODE SECTION.
6CR8	6.3	EV-9108-0	22	85	P4	4000	TRIODE SECTION.
6CU6	6.3	JR-5047-0	44	89	P4	5500	CAP = P.
6D4	6.3	JR-3705-0	--	96	P5	----	STRIKES AT ABOUT 70. NOTES 1 & 2.
6D5	6.3	JR-5307-0	52	73	P4	2000	
6D6	6.3	JR-0235-4	13	67	P4	1600	CAP = G.
6D7	6.3	JR-0236-4	22	57	P4	1225	CAP = G.
6D8	6.3	JR-0347-5	17	48	P4	1000	PENTODE SECTION. CAP = G.
6D8	6.3	JR-5647-3	17	73	P4	300	OSC. SECTION. OK ABOVE 190.
6DA6	6.3	EV-2783-9	13	78	P4	2500	
6DA7	6.3	EV-7608-0	22	79	P4	2600	TRIODE NO. 1.
6DA7	6.3	EV-3109-0	55	89	P4	5400	TRIODE NO. 2.
6DB6	6.3	JR-3562-7	10	74	P4	2050	GRID NO. 1.
6DB6	6.3	JR-7562-3	15	48	--	1000	GRID NO. 3. HOLD DOWN P1 & PRESS P4.
6DN6	6.3	JR-5073-0	28	93	--	9000	CAP = P. HOLD DOWN P1 & PRESS P4.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6DW5	6.3	EV-3917-0	42	87	P4	4500	
6DX4	6.3	JR-2305-0	27	86	P4	3800	
6E5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6E5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6E6	6.3	JR-5604-0	51	62	P4	1400	TRIODE NO. 1.
6E6	6.3	JR-3204-0	51	62	P4	1400	TRIODE NO. 2.
6E7	6.3	JR-0236-4	17	65	P4	1500	CAP = G.
6F4	6.3	JR-2306-0	29	90	P4	6000	
6F5	6.3	JR-0407-2	12	48	P4	1000	CAP = G.
6F6	6.3	JR-5347-2	23	73	P4	2000	
6F7	6.3	JR-0236-5	25	53	P4	1100	PENTODE SECTION. CAP = G.
6F7	6.3	JR-5436-2	38	0	P4	500	TRIODE SECTION.
6F8	6.3	JR-5607-0	23	79	P4	2600	TRIODE NO. 1.
6F8	6.3	JR-0304-0	23	79	P4	2600	TRIODE NO. 2. CAP = G.
6FH6	6.3	JR-5047-0	25	90	--	6000	CAP = P. HOLD DOWN P1 & PRESS P4.
6FR7	6.3	EV-7608-0	15	60	P4	1325	TRIODE NO. 1.
6FR7	6.3	EV-3109-0	60	90	P4	5325	TRIODE NO. 2.
6FW8	6.3	EV-7608-0	20	92	P4	7800	TRIODE NO. 1.
6FW8	6.3	EV-2103-0	20	92	P4	7800	TRIODE NO. 2.
6G5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6G5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6G6	6.3	JR-5347-0	23	74	P4	2100	
6GC6	6.3	JR-5073-0	45	90	P4	5500	CAP = P.
6GD7	6.3	EV-9678-0	11	81	P4	3000	PENTODE SECTION.
6GD7	6.3	EV-1203-0	20	88	P4	5000	TRIODE SECTION.
6GS8	6.3	EV-7821-9	0	10	--	550	PENTODE NO. 1. HOLD DOWN P1 & PRESS P4.
6GS8	6.3	EV-7321-6	0	10	--	550	PENTODE NO. 2. HOLD DOWN P1 & PRESS P4.
6GW5	6.3	JR-2305-0	21	88	P4	5000	
6H4	6.3	JR-0407-0	0	73	P1	----	NOTE 1.
6H5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6H5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6H6	6.3	JR-0507-0	0	73	P1	----	DIODE NO. 1. NOTE 1.
6H6	6.3	JR-0304-0	0	73	P1	----	DIODE NO. 2. NOTE 1.
6J5	6.3	JR-5307-2	23	79	P4	2600	
6J7	6.3	JR-0347-5	19	57	P4	1225	CAP = G.
6J8	6.3	JR-5347-6	12	48	P4	1000	HEPTODE SECTION. CAP = G.
6J8	6.3	JR-5647-3	34	0	P4	500	TRIODE SECTION.
6JA8	6.3	EV-7986-0	11	88	P4	4600	TETRODE SECTION.
6JA8	6.3	EV-2301-0	21	60	P4	1300	TRIODE SECTION.
6K4	6.3	DU-2105-0	31	82	P4	3200	
6K5	6.3	JR-0307-0	15	62	P4	1400	CAP = G.
6K7	6.3	JR-0347-5	18	63	P4	1450	CAP = G.
6K8	6.3	JR-5347-6	0	42	P4	900	HEXODE SECTION. CAP = G.
6K8	6.3	JR-5647-3	0	56	P4	1200	TRIODE SECTION.
6KS8	6.3	EV-7986-0	14	88	P4	5000	PENTODE SECTION.
6KS8	6.3	EV-2301-0	17	73	P4	2000	TRIODE SECTION.
6L4	6.3	JR-2306-0	29	81	P4	3000	
6L5	6.3	JR-5307-0	28	65	P4	1500	
6L7	6.3	JR-0347-5	22	21	P4	650	CAP GRID. CAP = G.
6L7	6.3	JR-5347-2	22	21	P4	650	PIN GRID.
6N4	6.3	JR-3502-0	6	87	P4	4500	
6N5	6.3	JR-5403-0	--	--	P4	----	EYE OPEN.
6N5	6.3	JR-5423-0	--	--	P4	----	EYE CLOSED.
6N6	6.3	JR-5347-0	0	65	P4	1300	
6N7	6.3	JR-5607-3	17	65	P4	1500	TRIODE NO. 1.
6N7	6.3	JR-4307-6	17	65	P4	1500	TRIODE NO. 2.
6N8	6.3	EV-2613-9	10	75	P4	2200	PENTODE SECTION.
6N8	6.3	EV-2713-9	0	25	P1	----	DIODE NO. 1. NOTE 1.
6N8	6.3	EV-2813-9	0	25	P1	----	DIODE NO. 2. NOTE 1.
6P5	6.3	JR-5307-0	29	63	P4	1450	
6P7	6.3	BT-0457-6	25	53	P4	1100	PENTODE SECTION. CAP = G.
6P7	6.3	BT-8607-4	38	0	P4	500	TRIODE SECTION.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6Q4	6.3	EV-2903-0	13	88	P4	5000	STRIKES AT ABOUT 52. NOTES 1 & 2. TRIODE SECTION. CAP = G. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1.
6Q5	6.3	JR-5307-0	--	95	P5	----	
6Q6	6.3	JR-0307-0	16	48	P4	1000	
6Q6	6.3	JR-0507-0	0	27	P1	----	
6Q6	6.3	JR-0407-0	0	27	P1	----	TRIODE SECTION. CAP = G. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1. TRIODE SECTION. CAP = G. DIODE NO. 1. NOTE 1.
6Q7	6.3	JR-0307-2	17	35	P4	800	
6Q7	6.3	JR-0507-3	0	27	P1	----	
6Q7	6.3	JR-0407-3	0	27	P1	----	
6R7	6.3	JR-0307-2	22	72	P4	1900	DIODE NO. 2. NOTE 1. TRIODE SECTION. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1. DIODE NO. 3. NOTE 1.
6R7	6.3	JR-0507-3	0	30	P1	----	
6R7	6.3	JR-0407-3	0	30	P1	----	
6R8	6.3	EV-8907-2	24	72	P4	1900	
6R8	6.3	EV-0107-8	0	77	P1	----	CAP = G. TRIODE SECTION. CAP = G. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1. DIODE NO. 3. NOTE 1.
6R8	6.3	EV-0607-8	0	77	P1	----	
6R8	6.3	EV-0203-9	0	77	P1	----	
6S7	6.3	JR-0347-5	22	58	P4	1250	
6S8	6.3	JX-0601-0	9	42	P4	900	USE THIS SETTING FOR SHORT CHECK ONLY. DO NOT CHECK FOR SHORTS. USE THIS SETTING FOR SHORT CHECK ONLY. DO NOT CHECK FOR SHORTS. TRIODE NO. 1.
6S8	6.3	JX-0401-0	0	32	P1	----	
6S8	6.3	JX-0201-0	0	32	P1	----	
6S8	6.3	JX-0305-0	0	32	P1	----	
6SA7	6.3	JR-5346-7	--	--	--	----	TRIODE NO. 2. PENTODE SECTION. DIODE SECTION. NOTE 1.
6SA7	6.3	JR-5406-7	30	81	P4	3000	
6SB7	6.3	JR-5346-7	--	--	--	----	
6SB7	6.3	JR-5406-7	27	85	P4	4000	
6SC7	6.3	JX-4506-1	9	48	P4	1000	TRIODE NO. 1.
6SC7	6.3	JX-3106-5	9	48	P4	1000	
6SD7	6.3	JR-4765-3	0	81	P4	3000	
6SF5	6.3	JX-3501-2	13	48	P4	1000	
6SF7	6.3	JX-1643-2	0	70	P4	1800	TRIODE NO. 2. TRIODE SECTION. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1.
6SF7	6.3	JX-0543-6	0	25	P1	----	
6SG7	6.3	JR-4765-2	0	79	P4	2600	
6SH7	6.3	JR-4765-2	0	79	P4	2600	
6SJ7	6.3	JR-4765-3	11	68	P4	1650	TRIODE SECTION. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1.
6SK7	6.3	JR-4765-3	12	73	P4	2000	
6SL7	6.3	JX-4506-1	7	58	P4	1250	
6SL7	6.3	JX-2103-5	7	58	P4	1250	
6SQ7	6.3	JX-1603-2	0	53	P4	1100	TRIODE SECTION. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1.
6SQ7	6.3	JX-0503-6	0	30	P1	----	
6SQ7	6.3	JX-0403-6	0	30	P1	----	
6SR7	6.3	JX-1603-2	23	72	P4	1900	
6SR7	6.3	JX-0503-6	0	30	P1	----	TRIODE SECTION. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1.
6SR7	6.3	JX-0403-6	0	30	P1	----	
6SS7	6.3	JR-4765-3	13	71	P4	1850	
6ST7	6.3	JX-1603-2	20	72	P4	1900	
6ST7	6.3	JX-0503-6	0	0	P1	----	DIODE NO. 2. NOTE 1. TRIODE NO. 1. TRIODE NO. 2. PENTODE SECTION. DIODE SECTION. NOTE 1.
6ST7	6.3	JX-0403-6	0	0	P1	----	
6SU7	6.3	JX-4506-1	8	56	P4	1200	
6SU7	6.3	JX-2103-5	8	56	P4	1200	
6SV7	6.3	JX-1643-0	6	74	P4	2100	TRIODE SECTION. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1. EYE OPEN. EYE CLOSED.
6SV7	6.3	JX-1543-0	0	73	P1	----	
6SZ7	6.3	JX-1603-2	11	56	P4	1200	
6SZ7	6.3	JX-0503-2	0	15	P1	----	
6SZ7	6.3	JX-0403-2	0	15	P1	----	TRIODE SECTION. CAP = G. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1. NOTE 1. NOTE 1.
6T5	6.3	JR-5403-0	--	--	P4	----	
6T5	6.3	JR-5423-0	--	--	P4	----	
6T7	6.3	JR-0307-0	15	48	P4	1000	
6T7	6.3	JR-0507-0	0	30	P1	----	EYE OPEN. EYE CLOSED.
6T7	6.3	JR-0407-0	0	30	P1	----	
6U3	6.3	EV-0903-0	0	60	P3	----	
6U4	6.3	JX-0503-0	0	65	P3	----	
6U5	6.3	JR-5403-0	--	--	P4	----	
6U5	6.3	JR-5423-0	--	--	P4	----	
6U6	6.3	JR-5347-0	31	86	P4	4200	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
6U7	6.3	JR-0347-5	15	67	P4	1600	CAP = G.
6V4	6.3	EV-0703-1	0	21	P3	----	PLATE NO. 1. NOTE 1.
6V4	6.3	EV-0103-7	0	21	P3	----	PLATE NO. 2. NOTE 1.
6V8	6.3	EV-6103-8	13	56	P4	1200	TRIODE SECTION.
6V8	6.3	EV-0903-2	0	40	P1	----	DIODE NO. 1. NOTE 1.
6V8	6.3	EV-0708-6	0	80	P1	----	DIODE NO. 2. NOTE 1.
6V8	6.3	EV-0203-8	0	80	P1	----	DIODE NO. 3. NOTE 1.
6W5	6.3	JR-0507-0	0	33	P3	----	PLATE NO. 1. NOTE 1.
6W5	6.3	JR-0307-0	0	33	P3	----	PLATE NO. 2. NOTE 1.
6W7	6.3	JR-0347-5	20	57	P4	1225	CAP = G.
6Y5	6.3	JR-0504-0	0	65	P3	----	PLATE NO. 1. NOTE 1.
6Y5	6.3	JR-0304-0	0	65	P3	----	PLATE NO. 2. NOTE 1.
6Y6	6.3	JR-5347-0	28	88	P4	5000	
6Y7	6.3	JR-5607-3	10	48	P4	1000	TRIODE NO. 1.
6Y7	6.3	JR-4307-6	10	48	P4	1000	TRIODE NO. 2.
6Z5	12.6	JS-0504-0	0	45	P3	----	PLATE NO. 1. NOTE 1.
6Z5	12.6	JS-0304-0	0	45	P3	----	PLATE NO. 2. NOTE 1.
6Z7	6.3	JR-5607-0	10	56	P4	1200	TRIODE NO. 1.
6Z7	6.3	JR-4307-0	10	56	P4	1200	TRIODE NO. 2.
6ZY5	6.3	JR-0507-0	0	30	P3	----	PLATE NO. 1. NOTE 1.
6ZY5	6.3	JR-0307-0	0	30	P3	----	PLATE NO. 2. NOTE 1.
7A4	6.3	JR-6207-0	23	79	P4	2600	
7A5	6.3	JR-6237-0	30	85	P4	4000	
7A6	6.3	JR-0607-5	0	70	P1	----	DIODE NO. 1. NOTE 1.
7A6	6.3	JR-0302-5	0	70	P1	----	DIODE NO. 2. NOTE 1.
7A7	6.3	JR-6237-4	0	73	P4	2000	
7A8	6.3	JR-4537-6	45	48	P4	1000	SECT. NO. 1
7A8	6.3	JR-4257-6	40	0	P4	500	SECT. NO. 2.
7AB7	6.3	HS-5314-0	0	67	P4	1600	
7AD7	6.3	JR-6237-4	0	88	P4	5000	
7AF7	6.3	JR-5607-0	23	79	P4	2600	TRIODE NO. 1.
7AF7	6.3	JR-4302-0	23	79	P4	2600	TRIODE NO. 2.
7AG7	6.3	JR-6237-4	0	75	P4	2200	
7AH7	6.3	JR-6237-4	0	79	P4	2700	
7AJ7	6.3	JR-6237-4	12	76	P4	2275	
7AK7	6.3	JR-6237-4	30	67	P4	1600	
7B4	6.3	JR-6207-0	9	65	P4	1500	
7B5	6.3	JR-6237-0	34	67	P4	1600	
7B6	6.3	JR-3207-0	0	53	P4	1100	TRIODE SECTION.
7B6	6.3	JR-0607-2	0	30	P1	----	DIODE NO. 1. NOTE 1.
7B6	6.3	JR-0507-2	0	30	P1	----	DIODE NO. 2. NOTE 1.
7B7	6.3	JR-6237-4	17	69	P4	1700	
7B8	6.3	JR-6257-4	16	48	P4	1000	PENTODE SECTION.
7B8	6.3	JR-4357-6	12	0	P4	500	OSC. SECTION.
7C4	6.3	JR-0407-0	0	70	P1	----	DIODE. NOTE 1.
7C5	6.3	JR-6237-0	20	81	P4	3000	
7C6	6.3	JR-3207-0	4	15	P4	600	TRIODE SECTION.
7C6	6.3	JR-0607-2	0	34	P1	----	DIODE NO. 1. NOTE 1.
7C6	6.3	JR-0507-2	0	34	P1	----	DIODE NO. 2. NOTE 1.
7C7	6.3	JR-6237-4	22	60	P4	1300	
7E5	6.3	JS-1304-0	17	81	P4	3000	
7E6	6.3	JR-3207-0	23	72	P4	1900	TRIODE SECTION.
7E6	6.3	JR-0607-2	0	30	P1	----	DIODE NO. 1. NOTE 1.
7E6	6.3	JR-0507-2	0	30	P1	----	DIODE NO. 2. NOTE 1.
7E7	6.3	JR-6257-0	22	60	P4	1300	PENTODE SECTION.
7E7	6.3	JR-0407-2	0	0	P1	----	DIODE NO. 1. NOTE 1.
7E7	6.3	JR-0307-2	0	0	P1	----	DIODE NO. 2. NOTE 1.
7F7	6.3	JR-5607-3	10	60	P4	1300	TRIODE NO. 1.
7F7	6.3	JR-4302-6	10	60	P4	1300	TRIODE NO. 2.
7F8	6.3	HS-8605-0	7	85	P4	4000	TRIODE NO. 1.
7F8	6.3	HS-1304-0	7	85	P4	4000	TRIODE NO. 2.
7G7	6.3	JR-6237-4	20	73	P4	2000	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
7G8	6.3	JR-5736-2	7	74	P4	2100	TETRODE NO. 1.
7G8	6.3	JR-4236-7	7	74	P4	2100	TETRODE NO. 2.
7H7	6.3	JR-6237-4	0	81	P4	3000	
7J7	6.3	JR-6257-4	21	35	P4	800	HEPTODE SECTION.
7J7	6.3	JR-4357-6	6	48	P4	1000	TRIODE SECTION.
7K7	6.3	JR-4302-0	14	48	P4	1000	TRIODE SECTION.
7K7	6.3	JR-0507-0	0	32	P1	----	DIODE NO. 1. NOTE 1.
7K7	6.3	JR-0607-0	0	32	P1	----	DIODE NO. 2. NOTE 1.
7L7	6.3	JR-6237-4	12	73	P4	2000	
7N7	6.3	JR-5607-3	23	79	P4	2600	TRIODE NO. 1.
7N7	6.3	JR-4302-6	23	79	P4	2600	TRIODE NO. 2.
7Q7	6.3	JR-6237-4	0	35	P4	800	AMPL. SECTION.
7Q7	6.3	JR-4237-6	0	35	P4	800	OSC. SECTION.
7R7	6.3	JR-6257-0	0	78	P4	2500	PENTODE SECTION.
7R7	6.3	JR-0407-2	0	0	P1	----	DIODE NO. 1. NOTE 1.
7R7	6.3	JR-0307-2	0	0	P1	----	DIODE NO. 2. NOTE 1.
7S7	6.3	JR-6257-4	15	65	P4	1500	HEPTODE SECTION.
7S7	6.3	JR-4357-6	0	60	P4	1300	TRIODE SECTION.
7T7	6.3	JR-6237-4	0	78	P4	2500	
7V7	6.3	JR-6237-4	0	80	P4	2750	
7W7	6.3	JR-6237-5	0	80	P4	2750	
7X6	6.3	JR-0607-0	0	55	P3	----	PLATE NO. 1. NOTE 1.
7X6	6.3	JR-0302-0	0	55	P3	----	PLATE NO. 2. NOTE 1.
7X7	6.3	JR-3204-0	6	42	P4	900	TRIODE SECTION.
7X7	6.3	JR-0504-0	0	77	P1	----	DIODE NO. 1. NOTE 1.
7X7	6.3	JR-0607-0	0	77	P1	----	DIODE NO. 2. NOTE 1.
7Y4	6.3	JR-0607-0	0	33	P3	----	PLATE NO. 1. NOTE 1.
7Y4	6.3	JR-0307-0	0	33	P3	----	PLATE NO. 2. NOTE 1.
7Z4	6.3	JR-0607-0	0	24	P3	----	PLATE NO. 1. NOTE 1.
7Z4	6.3	JR-0307-0	0	24	P3	----	PLATE NO. 2. NOTE 1.
8CY7	7.5	EV-7608-0	15	48	P4	1000	TRIODE NO. 1.
8CY7	7.5	EV-2109-0	54	85	P4	3600	TRIODE NO. 2.
8HA6	7.5	EV-2761-3	10	89	P4	4500	
8HG8	7.5	EV-2893-0	11	84	P4	3000	PENTODE SECTION.
8HG8	7.5	EV-6703-0	33	84	P4	3400	TRIODE SECTION.
8JE8	7.5	EV-7986-0	12	87	P4	5100	PENTODE SECTION.
8JE8	7.5	EV-2301-0	18	77	P4	2500	TRIODE SECTION.
8JK8	7.5	EV-7608-9	21	78	P4	2500	TRIODE NO. 1.
8JK8	7.5	EV-2103-9	20	88	P4	3500	TRIODE NO. 2.
8JT8	7.5	EV-7986-0	10	88	P4	5000	PENTODE SECTION.
8JT8	7.5	EV-2301-0	19	31	P4	750	TRIODE SECTION.
8JU8	7.5	EV-0809-0	0	78	P1	----	DIODE NO. 1. NOTE 1.
8JU8	7.5	EV-0708-0	0	78	P1	----	DIODE NO. 2. NOTE 1.
8JU8	7.5	EV-0203-0	0	78	P1	----	DIODE NO. 3. NOTE 1.
8JU8	7.5	EV-0102-0	0	78	P1	----	DIODE NO. 4. NOTE 1.
8KS8	7.5	EV-7986-0	14	88	P4	5000	PENTODE SECTION.
8KS8	7.5	EV-2301-0	17	73	P4	2000	TRIODE SECTION.
8LE8	7.5	EV-9683-7	12	61	P4	1400	PENTODE NO. 1.
8LE8	7.5	EV-9183-2	12	61	P4	1400	PENTODE NO. 2.
8SN7	7.5	JX-4506-0	23	79	P4	2600	TRIODE NO. 1.
8SN7	7.5	JX-2103-0	23	79	P4	2600	TRIODE NO. 2.
9BR7	10.0	EV-2103-0	10	85	P4	4000	TRIODE SECTION.
9BR7	10.0	EV-0708-0	0	78	P1	----	DIODE NO. 1. NOTE 1.
9BR7	10.0	EV-0608-0	0	78	P1	----	DIODE NO. 2. NOTE 1.
9CL8	10.0	EV-9678-0	10	84	P4	3500	TETRODE SECTION.
9CL8	10.0	EV-1203-0	12	89	P4	6000	TRIODE SECTION.
9DZ8	10.0	EV-3672-0	20	88	P4	5000	PENTODE SECTION.
9DZ8	10.0	EV-1908-0	17	37	P4	850	TRIODE SECTION.
9U8	10.0	EV-2637-0	10	80	P4	2700	PENTODE SECTION.
9U8	10.0	EV-9108-0	18	88	P4	4900	TRIODE SECTION.
9X8	10.0	EV-7986-1	12	81	P4	3000	PENTODE SECTION.
9X8	10.0	EV-2386-1	20	84	P4	3500	TRIODE SECTION.
10	7.5	JR-3200-0	42	58	P4	1250	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
10C8	10.0	EV-8679-0	13	85	P4	4000	PENTODE SECTION.
10C8	10.0	EV-2103-0	15	84	P4	3500	TRIODE SECTION.
10DA7	10.0	EV-7608-0	22	79	P4	2600	TRIODE NO. 1.
10DA7	10.0	EV-3109-0	55	89	P4	5400	TRIODE NO. 2.
10EB8	10.0	EV-7986-0	0	89	P4	6500	PENTODE SECTION.
10EB8	10.0	EV-2301-0	10	72	P4	2000	TRIODE SECTION.
10EW7	10.0	EV-7608-0	34	73	P4	1900	TRIODE NO. 1.
10EW7	10.0	EV-2109-0	61	91	P4	7500	TRIODE NO. 2.
10FD7	10.0	EV-7608-0	12	68	P4	1600	TRIODE NO. 1.
10FD7	10.0	EV-2109-0	54	91	P4	7500	TRIODE NO. 2.
10FR7	10.0	EV-7608-0	15	60	P4	1300	TRIODE NO. 1.
10FR7	10.0	EV-3109-0	60	90	P4	5300	TRIODE NO. 2.
10HA6	10.0	EV-2761-3	10	89	P4	4500	
11C5	10.0	JR-2763-0	23	87	P4	4500	
12A	5.0	JR-3200-0	44	68	P4	1650	
12A4	12.6	EV-2901-0	25	91	P4	7800	
12A5	12.6	JR-4235-0	35	70	P4	1800	
12A6	12.6	JR-5347-2	18	81	P4	3000	
12A7	12.6	JR-0236-5	40	47	P4	975	PENTODE SECTION. CAP = G.
12A7	12.6	JR-0504-2	0	40	P3	----	RECT. SECTION. NOTE 1.
12A8	12.6	JR-0347-5	11	48	P4	1000	PENTODE SECTION. CAP = G.
12A8	12.6	JR-5647-3	11	73	P4	300	OSC. SECTION. OK ABOVE 190.
12AB5	12.6	EV-3917-0	13	86	P4	4100	
12AC6	12.6	JR-2657-3	20	15	P1	----	OK ABOVE DIODES OK. MAKE NO GAS TEST. NOTE 1.
12AD6	12.6	JR-7652-3	30	25	P1	----	MAKE NO GAS TEST. NOTE 1.
12AD7	12.6	EV-7608-0	12	58	P4	1250	TRIODE NO. 1.
12AD7	12.6	EV-2103-0	12	58	P4	1250	TRIODE NO. 2.
12AE6	12.6	JR-0702-3	0	0	P1	----	TRIODE SECTION. OK ABOVE 700 ON 3000 SCALE.
12AE6	12.6	JR-0602-0	0	26	P1	----	MAKE NO GAS TEST. NOTE 1.
12AE6	12.6	JR-0502-0	0	26	P1	----	DIODE NO. 1. NOTE 1.
12AE7	12.6	EV-0608-7	0	67	P1	----	DIODE NO. 2. NOTE 1.
12AE7	12.6	EV-0103-2	0	70	P1	----	TRIODE NO. 1. MAKE NO GAS TEST. NOTE 1.
12AF6	12.6	JR-3567-2	26	55	--	1150	TRIODE NO. 2. MAKE NO GAS TEST. NOTE 1.
12AG6	12.6	JR-7652-3	30	50	P1	----	HOLD DOWN P1 & PRESS P4.
12AH7	12.6	JX-5604-3	22	73	P4	2000	MAKE NO GAS TEST. NOTE 1.
12AH7	12.6	JX-2301-6	22	73	P4	2000	TRIODE NO. 1.
12AJ6	12.6	JR-0702-3	0	0	P1	----	TRIODE NO. 2.
12AJ6	12.6	JR-0602-0	0	26	P1	----	TRIODE SECTION. OK ABOVE 400 ON 3000 SCALE.
12AJ6	12.6	JR-0502-0	0	26	P1	----	MAKE NO GAS TEST. NOTE 1.
12AL8	12.6	EV-0367-2	0	78	P1	----	DIODE NO. 1. NOTE 1.
12AL8	12.6	EV-0109-8	0	0	P1	----	DIODE NO. 2. NOTE 1.
12AS5	12.6	JR-2763-0	0	89	P4	5600	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12AU8	12.6	EV-7986-0	9	87	P4	4500	TRIODE SECTION. OK ABOVE 500 ON 3000 SCALE.
12AU8	12.6	EV-2301-0	15	86	P4	4000	MAKE NO GAS TEST. NOTE 1.
12AV7	12.6	EV-7608-2	12	88	P4	5000	PENTODE SECTION.
12AV7	12.6	EV-2103-7	12	88	P4	5000	TRIODE SECTION.
12AW6	12.6	JR-3562-7	10	81	P4	3000	TRIODE NO. 1.
12AX4	12.6	JX-0503-0	0	35	P3	----	TRIODE NO. 2.
12B7	12.6	JR-6237-4	0	73	P4	2000	NOTE 1.
12B8	12.6	JR-0342-0	15	70	P4	1800	
12B8	12.6	JR-7506-0	0	65	P4	1500	PENTODE SECTION. CAP = G.
12BH7	12.6	EV-7608-2	32	77	P4	2380	TRIODE SECTION.
12BH7	12.6	EV-2103-7	32	77	P4	2380	TRIODE NO. 1.
12BK5	12.6	EV-3186-0	0	88	P4	5000	
12BK6	12.6	JR-3702-5	0	58	P4	1250	TRIODE NO. 2.
12BK6	12.6	JR-0602-5	0	57	P1	----	TRIODE SECTION.
12BK6	12.6	JR-0502-7	0	57	P1	----	DIODE NO. 1. NOTE 1.
12BL6	12.6	JR-2657-3	22	25	P1	----	DIODE NO. 2. NOTE 1.
12BR7	12.6	EV-2103-0	10	85	P4	4000	MAKE NO GAS TEST. NOTE 1.
12BR7	12.6	EV-0708-0	0	78	P1	----	TRIODE SECTION.
							DIODE NO. 1. NOTE 1.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12BR7	12.6	EV-0608-0	0	78	P1	----	DIODE NO. 2. NOTE 1.
12BT6	12.6	JR-3702-0	12	60	P4	1300	TRIODE SECTION.
12BT6	12.6	JR-3602-0	0	57	P1	----	DIODE NO. 1. NOTE 1.
12BT6	12.6	JR-3502-0	0	57	P1	----	DIODE NO. 2. NOTE 1.
12BU6	12.6	JR-3702-0	28	65	P4	1500	TRIODE SECTION.
12BU6	12.6	JR-3602-0	0	50	P1	----	DIODE NO. 1. NOTE 1.
12BU6	12.6	JR-3502-0	0	50	P1	----	DIODE NO. 2. NOTE 1.
12BW4	12.6	EV-0709-1	0	20	P3	----	PLATE NO. 1. NOTE 1.
12BW4	12.6	EV-0109-7	0	20	P3	----	PLATE NO. 2. NOTE 1.
12BZ7	12.6	EV-7608-0	13	74	P4	2100	TRIODE NO. 1.
12BZ7	12.6	EV-2103-0	13	74	P4	2100	TRIODE NO. 2.
12C8	12.6	JR-0367-2	20	55	P4	1150	PENTODE SECTION. CAP = G.
12C8	12.6	JR-0507-3	0	18	P1	----	DIODE NO. 1. NOTE 1.
12C8	12.6	JR-0407-3	0	18	P1	----	DIODE NO. 2. NOTE 1.
12CM6	12.6	EV-3917-0	13	86	P4	4100	
12CN5	12.6	JR-0673-2	0	55	P1	----	MAKE NO GAS TEST. NOTE 1.
12BV7	12.6	EV-2781-3	0	90	P4	6500	
12CT8	12.6	EV-8679-0	9	87	P4	4500	PENTODE SECTION.
12CT8	12.6	EV-2103-0	15	86	P4	4000	TRIODE SECTION.
12CX6	12.6	JR-2657-3	0	55	P1	----	MAKE NO GAS TEST. NOTE 1.
12DE8	12.6	EV-7869-1	0	21	P1	----	PENTODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DE8	12.6	EV-0302-0	0	80	P1	----	DIODE SECTION. NOTE 1.
12DF5	12.6	EV-0608-0	0	20	P3	----	PLATE NO. 1. NOTE 1.
12DF5	12.6	EV-0103-0	0	20	P3	----	PLATE NO. 2. NOTE 1.
12DF7	12.6	EV-7608-0	12	58	P4	1250	TRIODE NO. 1.
12DF7	12.6	EV-2103-0	12	58	P4	1250	TRIODE NO. 2.
12DK6	12.6	JR-3562-7	12	83	P4	3000	
12DK7	12.6	EV-0372-1	0	65	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DK7	12.6	EV-0602-0	0	25	P1	----	DIODE NO. 1. NOTE 1.
12DK7	12.6	EV-0902-0	0	25	P1	----	DIODE NO. 2. NOTE 1.
12DL8	12.6	EV-0362-7	0	81	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DL8	12.6	EV-0908-0	0	43	P1	----	DIODE NO. 1. NOTE 1.
12DL8	12.6	EV-0108-0	0	43	P1	----	DIODE NO. 2. NOTE 1.
12DQ4	12.6	JX-0503-0	0	56	P3	----	NOTE 1.
12DQ7	12.6	EV-2781-3	0	90	P4	6500	
12DS7	12.6	EV-7368-0	0	78	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DS7	12.6	EV-0908-0	0	43	P1	----	DIODE NO. 1. NOTE 1.
12DS7	12.6	EV-0108-0	0	43	P1	----	DIODE NO. 2. NOTE 1.
12DU7	12.6	EV-0362-1	0	74	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DU7	12.6	EV-0902-0	0	7	P1	----	DIODE NO. 1. NOTE 1.
12DU7	12.6	EV-0702-0	0	7	P1	----	DIODE NO. 2. NOTE 1.
12DV7	12.6	EV-0608-7	0	0	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1. OK ABOVE 700 ON 3000 SCALE.
12DV7	12.6	EV-0301-0	0	7	P1	----	DIODE NO. 1. NOTE 1.
12DV7	12.6	EV-0201-0	0	7	P1	----	DIODE NO. 2. NOTE 1.
12DV8	12.6	EV-0362-7	0	79	P1	----	TETRODE SECTION. NOTE 1. MAKE NO GAS TEST.
12DV8	12.6	EV-0908-0	0	51	P1	----	DIODE NO. 1. NOTE 1.
12DV8	12.6	EV-0108-0	0	51	P1	----	DIODE NO. 2. NOTE 1.
12DW5	12.6	EV-3917-0	42	87	P4	4500	
12DW8	12.6	EV-7608-0	20	35	P1	----	TRIODE NO. 1. MAKE NO GAS TEST. NOTE 1.
12DW8	12.6	EV-2103-0	0	80	P1	----	TRIODE NO. 2. MAKE NO GAS TEST. NOTE 1.
12DW8	12.6	EV-0908-0	0	79	P1	----	DIODE SECTION. NOTE 1.
12DY8	12.6	EV-0362-1	0	73	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12DY8	12.6	EV-0807-9	0	0	P1	----	TRIODE SECTION. OK ABOVE 1100 ON 3000 SCALE. MAKE NO GAS TEST. NOTE 1.
12DZ6	12.6	JR-2657-3	0	66	P1	----	MAKE NO GAS TEST. NOTE 1.
12DZ8	12.6	EV-3672-0	20	88	P4	5000	PENTODE SECTION.
12DZ8	12.6	EV-1908-0	17	37	P4	850	TRIODE SECTION.
12EA6	12.6	JR-2657-3	0	60	P1	----	MAKE NO GAS TEST. NOTE 1.
12EC8	12.6	EV-0768-9	0	24	P1	----	PENTODE SECTION. MAKE NO GAS TEST. NOTE 1.
12EC8	12.6	EV-0203-1	0	44	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12ED5	12.6	JR-2763-0	20	89	P4	5500	
12EG6	12.6	JR-7652-3	0	56	P1	----	MAKE NO GAS TEST. NOTE 1.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12EH5	12.6	JR-2763-0	21	88	P4	4200	
12EK6	12.6	JR-2657-3	0	63	P1	----	MAKE NO GAS TEST. NOTE 1.
12EL6	12.6	JR-0207-3	0	0	P1	----	TRIODE SECTION. OK ABOVE 450 ON 3000 SCALE. MAKE NO GAS TEST. NOTE 1.
12EL6	12.6	JR-0607-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
12EM6	12.6	JR-0507-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
12EM6	12.6	EV-0362-1	0	65	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12EM6	12.6	EV-0902-0	0	25	P1	----	DIODE SECTION. NOTE 1.
12EN6	12.6	JR-5347-0	38	89	P4	6000	
12EQ7	12.6	EV-2763-1	20	58	P4	1200	PENTODE SECTION.
12EQ7	12.6	EV-0803-0	0	26	P1	----	DIODE SECTION. NOTE 1.
12EZ6	12.6	JR-2657-3	0	52	P1	----	MAKE NO GAS TEST. NOTE 1.
12F5	12.6	JR-0407-0	12	48	P4	1000	CAP = G.
12F8	12.6	EV-9237-8	25	0	P1	----	PENTODE SECTION. OK ABOVE DIODES OK. NOTE 1. MAKE NO GAS TEST.
12F8	12.6	EV-0607-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
12F8	12.6	EV-0107-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
12FK6	12.6	JR-3702-0	22	0	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1. OK ABOVE DIODES OK.
12FK6	12.6	JR-0602-0	0	30	P1	----	DIODE NO. 1. NOTE 1.
12FK6	12.6	JR-0502-0	0	30	P1	----	DIODE NO. 2. NOTE 1.
12FM6	12.6	JR-0702-3	0	26	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FM6	12.6	JR-0602-0	0	36	P1	----	DIODE NO. 1. NOTE 1.
12FM6	12.6	JR-0502-0	0	36	P1	----	DIODE NG. 2. NOTE 1.
12FR8	12.6	EV-3670-0	36	54	P1	----	PENTODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FR8	12.6	EV-1902-0	17	22	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FR8	12.6	EV-0802-0	0	40	P1	----	DIODE SECTION. NOTE 1.
12FT6	12.6	JR-3702-0	0	48	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FT6	12.6	JR-0602-0	0	51	P1	----	DIODE NO. 1. MAKE NO GAS TEST. NOTE 1.
12FT6	12.6	JR-0502-0	0	51	P1	----	DIODE NO. 2. MAKE NO GAS TEST. NOTE 1.
12FV7	12.6	EV-7608-0	30	86	P4	4000	TRIODE NO. 1.
12FV7	12.6	EV-2103-0	30	86	P4	4000	TRIODE NO. 2.
12FX8	12.6	EV-9137-2	30	41	P1	----	HEPTODE SECTION. MAKE NO GAS TEST. NOTE 1.
12FX8	12.6	EV-0800-6	0	78	P1	----	TRIODE SECTION. MAKE NO GAS TEST. NOTE 1.
12G4	12.6	JR-6307-0	23	79	P4	2600	
12G8	12.6	EV-0607-8	0	65	P1	----	TRIODE NO. 1. MAKE NO GAS TEST. NOTE 1.
12G8	12.6	EV-0102-3	0	25	P1	----	TRIODE NO. 2. MAKE NO GAS TEST. NOTE 1.
12GA6	12.6	JR-7652-3	30	22	P1	----	MAKE NO GAS TEST. NOTE 1.
12H6	12.6	JR-0507-2	0	73	P1	----	DIODE NO. 1. NOTE 1.
12H6	12.6	JR-0304-2	0	73	P1	----	DIODE NO. 2. NOTE 1.
12J5	12.6	JR-5307-2	23	79	P4	2600	
12J7	12.6	JR-0347-5	19	57	P4	1225	CAP = G.
12J8	12.6	EV-0362-1	0	65	P1	----	TETRODE SECTION. MAKE NO GAS TEST. NOTE 1.
12J8	12.6	EV-0907-0	0	78	P1	----	DIODE NO. 1. NOTE 1.
12J8	12.6	EV-0807-0	0	82	P1	----	DIODE NO. 2. NOTE 1.
12K7	12.6	JR-0347-5	18	63	P4	1450	CAP = G.
12K8	12.6	JR-5347-6	0	42	P4	900	HEPTODE SECTION. CAP = G.
12K8	12.6	JR-5647-3	8	56	P4	1200	TRIODE SECTION.
12KL8	12.6	EV-2763-1	5	66	--	1600	PENTODE SECTION. HOLD DOWN P1 & PRESS P4.
12KL8	12.6	EV-0803-0	0	31	P1	----	DIODE SECTION. OK ABOVE DIODES OK. NOTE 1.
12L6	12.6	JR-5347-0	0	92	--	8000	HOLD DOWN P1 & PRESS P4.
12L8	12.6	JW-2751-3	0	69	P4	1700	PENTODE NO. 1.
12L8	12.6	JW-3451-2	0	69	P4	1700	PENTODE NO. 2.
12Q7	12.6	JR-0307-2	18	35	P4	800	TRIODE SECTION. CAP = G.
12Q7	12.6	JR-0507-3	0	27	P1	----	DIODE NO. 1. NOTE 1.
12Q7	12.6	JR-0407-3	0	27	P1	----	DIODE NO. 2. NOTE 1.
12R5	12.6	JR-2763-0	20	91	--	7000	HOLD DOWN P1 & PRESS P4.
12S8	12.6	JX-0601-0	9	42	P4	900	TRIODE SECTION. CAP = G.
12S8	12.6	JX-0305-0	0	32	P1	----	DIODE NO. 1. NOTE 1.
12S8	12.6	JX-0401-0	0	32	P1	----	DIODE NO. 2. NOTE 1.
12S8	12.6	JX-0201-0	0	32	P1	----	DIODE NO. 3. NOTE 1.
12SA7	12.6	JR-5346-7	--	--	--	----	USE THIS SETTING FOR SHORT CHECK ONLY.
12SA7	12.6	JR-5406-7	30	81	P4	3000	DO NOT CHECK FOR SHORTS.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
12SC7	12.6	JX-4506-1	9	60	P4	1000	TRIODE NO. 1.
12SC7	12.6	JX-3106-5	9	60	P4	1000	TRIODE NO. 2.
12SF5	12.6	JX-3501-2	13	48	P4	1000	
12SF7	12.6	JX-1643-2	0	70	P4	1800	PENTODE SECTION.
12SF7	12.6	JX-0503-6	0	25	P1	----	DIODE SECTION. NOTE 1.
12SG7	12.6	JR-4765-2	0	79	P4	2600	
12SH7	12.6	JR-4765-2	0	79	P4	2600	
12SJ7	12.6	JR-4765-3	11	68	P4	1650	
12SK7	12.6	JR-4765-3	12	73	P4	2000	
12SL7	12.6	JX-4506-1	7	58	P4	1250	TRIODE NO. 1.
12SL7	12.6	JX-2103-5	7	58	P4	1250	TRIODE NO. 2.
12SQ7	12.6	JX-1603-2	0	53	P4	1100	TRIODE SECTION.
12SQ7	12.6	JX-0503-6	0	30	P1	----	DIODE NO. 1. NOTE 1.
12SQ7	12.6	JX-0403-6	0	30	P1	----	DIODE NO. 2. NOTE 1.
12SR7	12.6	JX-1603-2	23	72	P4	1900	TRIODE SECTION.
12SR7	12.6	JX-0503-6	0	30	P1	----	DIODE NO. 1. NOTE 1.
12SR7	12.6	JX-0403-6	0	30	P1	----	DIODE NO. 2. NOTE 1.
12SW7	12.6	JX-1603-2	19	72	P4	1900	TRIODE SECTION.
12SW7	12.6	JX-0503-6	0	30	P1	----	DIODE NO. 1. NOTE 1.
12SW7	12.6	JX-0403-6	0	30	P1	----	DIODE NO. 2. NOTE 1.
12SX7	12.6	JX-4506-1	22	79	P4	2600	TRIODE NO. 1.
12SX7	12.6	JX-2103-5	22	79	P4	2600	TRIODE NO. 2.
12SY7	12.6	JR-7346-5	9	31	P4	750	AMPL. SECTION.
12SY7	12.6	JR-5346-7	0	31	P4	750	OSC. SECTION.
12U7	12.6	EV-0608-7	0	0	P1	----	TRIODE NO. 1. OK ABOVE DIODES OK. MAKE NO GAS TEST. NOTE 1.
12U7	12.6	EV-0103-2	0	0	P1	----	TRIODE NO. 2. OK ABOVE DIODES OK. MAKE NO GAS TEST. NOTE 1.
12Z3	12.6	JR-0203-0	0	50	P3	----	NOTE 1.
13FR7	12.6	EV-7608-0	15	60	P4	1325	TRIODE NO. 1.
13FR7	12.6	EV-3109-0	60	90	P4	5325	TRIODE NO. 2.
14A4	12.6	JR-6207-0	23	79	P4	2600	
14A5	12.6	JR-6237-0	12	81	P4	3000	
14A7	12.6	JR-6237-4	0	73	P4	2000	
14AF7	12.6	JR-5607-0	23	79	P4	2600	TRIODE NO. 1.
14AF7	12.6	JR-4302-0	23	79	P4	2600	TRIODE NO. 2.
14B6	12.6	JR-3207-0	0	53	P4	1100	TRIODE SECTION.
14B6	12.6	JR-0607-2	0	36	P1	----	DIODE NO. 1. NOTE 1.
14B6	12.6	JR-0507-2	0	36	P1	----	DIODE NO. 2. NOTE 1.
14B8	12.6	JR-6257-4	16	48	P4	1000	PENTODE SECTION.
14B8	12.6	JR-4357-6	12	0	P4	500	OSC. SECTION.
14C5	12.6	JR-6237-0	20	81	P4	3000	
14C7	12.6	JR-6237-4	22	60	P4	1300	
14E6	12.6	JR-3207-0	23	72	P4	1900	TRIODE SECTION.
14E6	12.6	JR-0607-2	0	30	P1	----	DIODE NO. 1. NOTE 1.
14E6	12.6	JR-0507-2	0	30	P1	----	DIODE NO. 2. NOTE 1.
14E7	12.6	JR-6257-0	22	60	P4	1300	PENTODE SECTION.
14E7	12.6	JR-0407-2	0	0	P1	----	DIODE NO. 1. NOTE 1.
14E7	12.6	JR-0307-2	0	0	P1	----	DIODE NO. 2. NOTE 1.
14F7	12.6	JR-5607-3	10	60	P4	1300	TRIODE NO. 1.
14F7	12.6	JR-4302-6	10	60	P4	1300	TRIODE NO. 2.
14F8	12.6	HS-8605-0	7	85	P4	4000	TRIODE NO. 1.
14F8	12.6	HS-1304-0	7	85	P4	4000	TRIODE NO. 2.
14H7	12.6	JR-6237-4	0	81	P4	3000	
14J7	12.6	JR-6257-4	21	35	P4	800	HEPTODE SECTION.
14J7	12.6	JR-4357-6	6	48	P4	1000	TRIODE SECTION.
14N7	12.6	JR-5607-3	23	73	P4	2000	TRIODE NO. 1.
14N7	12.6	JR-4302-6	23	73	P4	2000	TRIODE NO. 2.
14Q7	12.6	JR-6237-4	0	35	P4	800	PENTODE SECTION.
14Q7	12.6	JR-4237-6	0	35	P4	800	OSC. SECTION.
14R7	12.6	JR-6257-0	0	78	P4	2500	PENTODE SECTION.
14R7	12.6	JR-0407-2	0	0	P1	----	DIODE NO. 1. NOTE 1.
14R7	12.6	JR-0307-2	0	0	P1	----	DIODE NO. 2. NOTE 1.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
14S7	12.6	JR-6257-4	15	65	P4	1500	HEPTODE SECTION.
14S7	12.6	JR-4357-6	0	60	P4	1300	TRIODE SECTION.
14V7	12.6	JR-6237-4	0	80	P4	2750	
14W7	12.6	JR-6237-5	0	80	P4	2750	
14X7	12.6	JR-3204-0	6	42	P4	900	TRIODE SECTION.
14X7	12.6	JR-0504-0	0	77	P1	----	DIODE NO. 1. NOTE 1.
14X7	12.6	JR-0607-0	0	77	P1	----	DIODE NO. 2. NOTE 1.
14Y4	12.6	JR-0607-0	0	33	P3	----	PLATE NO. 1. NOTE 1.
14Y4	12.6	JR-0307-0	0	33	P3	----	PLATE NO. 2. NOTE 1.
14Z3	12.6	JR-0203-0	0	43	P3	----	NOTE 1.
15	2.0	JR-0234-0	0	27	--	700	CAP = G. HOLD DOWN P1, PRESS P4.
15A6	12.6	EV-2713-6	8	91	P4	7500	
15EA7	12.6	JX-4506-0	22	13	P4	500	TRIODE NO. 1. MAKE 'LINE TEST' AT 1950 ON 3000 SCALE.
15EA7	12.6	JX-2103-0	66	92	P4	9200	TRIODE NO. 2.
15EW6	12.6	JR-3562-7	11	88	P4	5300	MAKE 'LINE TEST' AT 1650 ON 3000 SCALE.
17AV5	20.0	JR-2573-0	22	89	P4	5500	MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17CA5	20.0	JR-2763-0	12	88	P4	5000	MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17DQ4	20.0	JX-0503-0	0	56	P3	----	NOTE 1.
17HC8	20.0	EV-3672-0	22	85	P4	3700	PENTODE SECTION. MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17HC8	20.0	EV-1908-0	10	70	P4	1850	TRIODE SECTION.
17JK8	20.0	EV-7608-9	21	78	P4	2500	TRIODE NO. 1. MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17JK8	20.0	EV-2103-9	20	88	P4	3500	TRIODE NO. 2. MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17L6	20.0	JR-5347-0	11	88	--	5500	HOLD DOWN P1 & PRESS P4. MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
17R5	20.0	JR-2763-0	20	88	--	5000	MAKE 'LINE TEST' AT 1300 ON 3000 SCALE.
18DZ8	20.0	EV-3672-0	20	88	P4	5000	PENTODE SECTION.
18DZ8	20.0	EV-1908-0	17	37	P4	850	TRIODE SECTION.
18HB8	20.0	EV-9768-0	31	81	P4	2700	PENTODE SECTION. SET NORMAL-LIFE TEST SWITCH LIFE TEST POSITION.
18HB8	20.0	EV-1302-0	22	63	P4	1400	TRIODE SECTION. SET NORMAL-LIFE TEST SWITCH I LIFE TEST POSITION.
19	2.0	JR-4500-0	23	48	P4	1000	TRIODE NO. 1.
19	2.0	JR-3200-0	23	48	P4	1000	TRIODE NO. 2.
19BG6	20.0	JR-5073-0	12	90	P4	6000	CAP = P.
19C8	20.0	EV-8907-0	8	58	P4	1250	TRIODE SECTION.
19C8	20.0	EV-8607-0	0	77	P1	----	DIODE NO. 1. NOTE 1.
19C8	20.0	EV-8203-0	0	77	P1	----	DIODE NO. 2. NOTE 1.
19C8	20.0	EV-8107-0	0	77	P1	----	DIODE NO. 3. NOTE 1.
19DE7	20.0	EV-7608-0	29	73	P4	2000	TRIODE NO. 1.
19DE7	20.0	EV-2109-0	55	89	P4	6500	TRIODE NO. 2.
19J6	20.0	JR-5207-6	22	78	P4	2500	TRIODE NO. 1.
19J6	20.0	JR-6307-5	22	78	P4	2500	TRIODE NO. 2.
19T8	20.0	EV-8907-6	8	56	P4	1200	TRIODE SECTION.
19T8	20.0	EV-0607-1	0	77	P1	----	DIODE NO. 1. NOTE 1.
19T8	20.0	EV-0203-7	0	77	P1	----	DIODE NO. 2. NOTE 1.
19T8	20.0	EV-0107-8	0	77	P1	----	DIODE NO. 3. NOTE 1.
19V8	20.0	EV-6103-8	13	56	P4	1200	TRIODE SECTION.
19V8	20.0	EV-0903-2	0	40	P1	----	DIODE NO. 1. NOTE 1.
19V8	20.0	EV-0708-6	0	80	P1	----	DIODE NO. 2. NOTE 1.
19V8	20.0	EV-0203-8	0	80	P1	----	DIODE NO. 3. NOTE 1.
19X3	20.0	EV-0903-0	0	60	P3	----	NOTE 1.
19Y3	20.0	EV-0903-0	0	60	P3	----	NOTE 1.
RK20A	7.5	JR-3024-0	0	73	P4	2000	CAP = P.
20EQ7	20.0	EV-2763-1	20	58	P4	1200	PENTODE SECTION.
20EQ7	20.0	EV-0803-0	0	26	P1	----	DIODE SECTION. NOTE 1.
21A6	20.0	EV-2083-9	42	90	P4	6000	CAP = P.
21EX6	20.0	JR-5073-0	50	90	P4	6250	CAP = P. TUBES INDICATING SHORTS# RE-TEST USING JR-5023-0.
22	3.0	JR-0230-0	23	0	--	500	CAP = G. HOLD DOWN P1, PRESS P4.
24A	2.5	JR-0234-0	12	48	P4	1000	CAP = G.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
VT25A	7.5	JR-3200-0	30	73	P4	2000	PENTODE SECTION. RECT. SECTION. NOTE 1.
25A6	25.0	JR-5347-0	25	76	P4	2300	
25A7	25.0	JR-5347-6	28	70	P4	1800	
25A7	25.0	JR-0602-3	0	50	P3	----	
25AC5	25.0	JR-5307-0	0	65	P4	1500	PENTODE SECTION. CAP = G. TRIODE SECTION.
25B5	25.0	JR-4235-0	0	73	P4	2000	
25B6	25.0	JR-5347-0	55	85	P4	4000	
25B8	25.0	JR-0342-0	15	70	P4	1800	
25B8	25.0	JR-7506-0	0	65	P4	1500	CAP = P. PENTODE SECTION. CAP = G. TRIODE SECTION. DIODE SECTION. NOTE 1.
25C6	25.0	JR-5347-0	28	88	P4	5000	
25CU6	25.0	JR-5047-0	44	89	P4	5500	
25D8	25.0	JR-0342-0	16	72	P4	1900	
25D8	25.0	JR-5602-0	0	53	P4	1100	NOTE 1. CAP = P. HOLD DOWN P1 & PRESS P4.
25D8	25.0	JR-5702-0	0	50	P1	----	
25DK4	25.0	JR-0507-0	0	75	P3	----	
25DQ6	25.0	JR-5047-0	25	90	--	6000	
25DT5	25.0	EV-3917-0	22	89	P4	6000	PLATE NO. 1. NOTE 1. PLATE NO. 2. NOTE 1. PLATE NO. 1. NOTE 1. PLATE NO. 2. NOTE 1. PLATE NO. 1. NOTE 1.
25N6	25.0	JR-5347-0	0	73	P4	2000	
25W6	25.0	JR-5347-0	35	87	P4	4500	
25Y5	25.0	JR-0504-0	0	40	P3	----	
25Y5	25.0	JR-0203-0	0	40	P3	----	PLATE NO. 2. NOTE 1.
25Z5	25.0	JR-0504-0	0	55	P3	----	
25Z5	25.0	JR-0203-0	0	55	P3	----	
25Z6	25.0	JR-0507-2	0	55	P3	----	
25Z6	25.0	JR-0304-2	0	55	P3	----	PLATE NO. 2. NOTE 1.
26	1.5	JR-3200-0	39	55	P4	1150	
26A6	25.0	JR-3567-2	0	81	P4	3000	
26A7	25.0	JW-2751-3	0	87	--	4500	
26A7	25.0	JW-3451-2	0	87	--	4500	TRIODE SECTION. DIODE NO. 1. NOTE 1. DIODE NO. 2. NOTE 1. TRIODE SECTION. DIODE NO. 1. NOTE 1.
26BK6	25.0	JR-3702-5	0	58	P4	1250	
26BK6	25.0	JR-0602-5	0	57	P1	----	
26BK6	25.0	JR-0502-7	0	57	P1	----	
26C6	25.0	JR-3702-0	23	72	P4	1900	DIODE NO. 2. NOTE 1. AMPL. SECTION. HOLD DOWN P1 & PRESS P4 OSC. SECTION.
26C6	25.0	JR-3602-0	0	30	P1	----	
26C6	25.0	JR-3502-0	0	30	P1	----	
26D6	25.0	JR-7562-3	0	35	--	800	
26D6	25.0	JR-3602-7	20	90	P4	6500	PLATE NO. 1. NOTE 1.
26E6	25.0	JR-5347-0	25	90	P4	6000	
26Z5W	25.0	EV-0608-0	0	50	P3	----	
26Z5W	25.0	EV-0103-0	0	50	P3	----	
27	2.5	JR-3204-0	41	48	P4	1000	CAP = G. HOLD DOWN P1 & PRESS P4
30	2.0	JR-3200-0	43	42	P4	900	
31	2.0	JR-3200-0	41	44	P4	925	
32	2.0	JR-0230-0	20	20	--	640	
32L7	35.0	JR-5347-0	32	88	P4	4800	AMPL. SECTION. RECT. SECTION. NOTE 1.
32L7	35.0	JR-0602-3	0	50	P3	----	
33	2.0	JR-3240-0	27	60	P4	1300	
RK33	6.3	JR-4506-0	35	62	P4	1375	
RK33	6.3	JR-0302-0	35	62	P4	1375	TRIODE NO. 1. TRIODE NO. 2. CAP = G.
34	2.0	JR-0230-0	16	15	--	600	
35	2.5	JR-0234-0	22	49	P4	1020	
35A5	35.0	JR-6237-0	20	90	P4	5900	
35CD6	35.0	JR-5073-0	35	90	P4	6500	CAP = P. PENTODE SECTION.
35DZ8	35.0	EV-3672-0	20	88	P4	5000	
35DZ8	35.0	EV-1908-0	17	37	P4	850	
35Y4	BLST	JR-0247-0	--	--	--	----	
35Y4	35.0	JR-0207-0	0	65	P3	----	SHORT ON 1-2-3-5. RECT. SECTION. NOTE 1. NOTE 1. NOTE 1.
35Z3	35.0	JR-0207-0	0	65	P3	----	
35Z4	35.0	JR-0507-0	0	67	P3	----	
35Z6	35.0	JR-0507-0	0	67	P3	----	
35Z6	35.0	JR-0304-0	0	67	P3	----	PLATE NO. 1. NOTE 1. PLATE NO. 2. NOTE 1. CAP = G.
36	6.3	JR-0234-0	31	50	P4	1050	
37	6.3	JR-3204-0	39	42	P4	900	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
38	6.3	JR-0234-0	35	50	P4	1050	CAP = G.
39/44	6.3	JR-0234-0	25	48	P4	1000	CAP = G.
40	5.0	JR-3200-0	32	--	P4	200	OK ABOVE 125.
40Z5	BLST	JR-0537-0	--	--	--	----	SHORT ON 1-2-3-4-5. SHORT ON 1-2-3-5 FOR TEST HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000.
40Z5	50.0	JR-0507-0	0	67	P3	----	RECT. SECTION. NOTE 1.
41	6.3	JR-4235-0	34	67	P4	1600	
42	6.3	JR-4235-0	23	73	P4	2000	
43	25.0	JR-4235-0	22	76	P4	2300	
45	2.5	JR-3200-0	57	71	P4	1850	
45Z3	50.0	HT-0208-0	0	58	P3	----	NOTE 1.
45Z5	BLST	JR-0537-0	--	--	--	----	SHORT ON 1-2-3-4-5. SHORT ON 1-2-3-5 FOR TEST HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000.
45Z5	50.0	JR-0507-0	0	67	P3	----	RECT. SECTION. NOTE 1.
46	2.5	JR-3240-0	0	73	P4	2000	
47	2.5	JR-3240-0	0	73	P4	2000	
48	25.0	JR-4235-0	45	73	P4	2000	
49	2.0	JR-3240-0	49	54	P4	1125	
50	7.5	JR-3200-0	60	65	P4	1500	
50A5	50.0	JR-6237-0	10	91	P4	7500	
50B5	50.0	JR-3562-0	20	91	--	7500	HOLD DOWN P1 & PRESS P4.
50BK5	50.0	EV-3186-0	0	88	P4	5000	
50C6	50.0	JR-5347-2	28	88	P4	5000	
50CA5	50.0	JR-2763-0	20	89	P4	5500	
50FA5	50.0	JR-2763-0	34	88	P4	4300	
50FY8	50.0	EV-3672-0	28	86	P4	4000	PENTODE SECTION.
50FY8	50.0	EV-1908-0	20	72	P4	1900	TRIODE SECTION.
50L6	50.0	JR-5347-0	0	92	--	8000	HOLD DOWN P1 & PRESS P4
50X6	50.0	JR-0607-5	0	60	P3	----	PLATE NO. 1. NOTE 1.
50X6	50.0	JR-0302-5	0	60	P3	----	PLATE NO. 2. NOTE 1.
50Y6	50.0	JR-0507-0	0	62	P3	----	PLATE NO. 1. NOTE 1.
50Y6	50.0	JR-0304-0	0	62	P3	----	PLATE NO. 2. NOTE 1.
50Y7	BLST	JR-0060-0	--	--	--	----	SHORT ON 1-2-3-5.
50Y7	50.0	JR-0507-0	0	62	P3	----	PLATE NO. 1. NOTE 1.
50Y7	50.0	JR-0304-0	0	62	P3	----	PLATE NO. 2. NOTE 1.
50Z7	BLST	JR-0060-0	--	--	--	----	SHORT ON 1-2-3-4-5. SHORT ON 1-2-3-5 FOR TEST HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000.
50Z7	50.0	JR-0507-0	0	62	P3	----	PLATE NO. 1. NOTE 1.
50Z7	50.0	JR-0304-0	0	62	P3	----	PLATE NO. 2. NOTE 1.
51/51S	2.5	JR-0234-0	24	47	P4	975	CAP = G.
52	6.3	JR-3240-0	0	77	P4	2400	
53	2.5	JR-5604-2	0	65	P4	1500	TRIODE NO. 1.
53	2.5	JR-3204-6	0	65	P4	1500	TRIODE NO. 2.
55	2.5	JR-0205-0	42	47	P4	975	TRIODE SECTION. CAP = G.
55	2.5	JR-0405-0	0	25	P1	----	DIODE NO. 1. NOTE 1.
55	2.5	JR-0305-0	0	25	P1	----	DIODE NO. 2. NOTE 1.
56	2.5	JR-3204-0	30	63	P4	1450	
57	2.5	JR-0235-4	20	57	P4	1225	CAP = G.
58	2.5	JR-0235-4	13	67	P4	1600	CAP = G.
58A/58AS	6.3	JR-0235-4	22	63	P4	1450	CAP = G.
59	2.5	JR-4236-5	0	73	P4	2000	
VT67	2.0	JR-3200-0	40	42	P4	900	
HY69	6.3	JR-3024-0	0	81	P4	3000	CAP = P.
70A7	75.0	JR-5347-0	50	81	P4	3000	PENTODE SECTION.
70A7	75.0	JR-0200-0	0	58	P3	----	RECT. SECTION. REVERSE METER. NOTE 1.
70L7	75.0	JR-5346-0	34	88	P4	5000	PENTODE SECTION.
70L7	75.0	JR-0702-3	0	65	P3	----	RECT. SECTION. NOTE 1.
71A	5.0	JR-3200-0	69	68	P4	1650	
75	6.3	JR-0205-0	14	31	P4	750	TRIODE SECTION. CAP = G.
75	6.3	JR-0405-2	0	25	P1	----	DIODE NO. 1. NOTE 1.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
75	6.3	JR-0305-2	0	25	P1	----	DIODE NO. 2. NOTE 1.
75MG	6.3	JR-0407-0	14	31	P4	750	TRIODE SECTION. CAP = G.
75MG	6.3	JR-0507-0	0	25	P1	----	DIODE NO. 1. NOTE 1.
75MG	6.3	JR-0607-0	0	25	P1	----	DIODE NO. 2. NOTE 1.
76	6.3	JR-3204-0	30	63	P4	1450	
77	6.3	JR-0235-4	20	57	P4	1225	CAP = G.
78	6.3	JR-0235-4	24	63	P4	1450	CAP = G.
79	6.3	JR-0504-0	10	48	P4	1000	TRIODE NO. 1. CAP = G.
79	6.3	JR-3204-0	10	48	P4	1000	TRIODE NO. 2.
81	7.5	JR-0200-0	0	60	P1	----	NOTE 1.
82	2.5	JR-0300-0	0	54	P3	----	PLATE NO. 1. NOTE 1.
82	2.5	JR-0200-0	0	54	P3	----	PLATE NO. 2. NOTE 1.
83V	5.0	JR-0300-0	0	60	P3	----	PLATE NO. 1. NOTE 1.
83V	5.0	JR-0200-0	0	60	P3	----	PLATE NO. 2. NOTE 1.
84	6.3	JR-0304-0	0	45	P3	----	PLATE NO. 1. NOTE 1.
84	6.3	JR-0204-0	0	45	P3	----	PLATE NO. 2. NOTE 1.
85	6.3	JR-0205-0	42	47	P4	975	TRIODE SECTION. CAP = G.
85	6.3	JR-0405-2	0	25	P1	----	DIODE NO. 1. NOTE 1.
85	6.3	JR-0305-2	0	25	P1	----	DIODE NO. 2. NOTE 1.
85AS	6.3	JR-0205-0	25	53	P4	1100	TRIODE SECTION. CAP = G.
85AS	6.3	JR-0405-2	0	25	P1	----	DIODE NO. 1. NOTE 1.
85AS	6.3	JR-0305-2	0	25	P1	----	DIODE NO. 2. NOTE 1.
89/89Y	6.3	JR-0235-4	29	66	P4	1550	CAP = G.
99	3.0	JR-3200-0	57	73	P4	425	OK ABOVE 270.
112A	5.0	JR-3200-0	45	68	P4	1650	
CK113	50.0	JR-5347-6	48	70	P4	1800	PENTODE SECTION.
CK113	50.0	JR-0602-0	0	60	P3	----	RECT. SECTION. NOTE 1.
HY114	1.5	JR-0000-0	27	53	P4	1100	RIGHT CAP = P. LEFT CAP = G.
117L7/M7	17.0	JR-4357-0	22	85	P4	4000	PENTODE SECTION.
117L7/M7	17.0	JR-0602-0	0	65	P3	----	RECT. SECTION. NOTE 1.
117N7	17.0	JR-4356-0	37	88	P4	5000	PENTODE SECTION.
117N7	17.0	JR-0700-0	0	70	--	----	RECT. SECTION. REVERSE METER. HOLD DOWN P6 AND PRESS P3.
117P7	17.0	JR-4356-0	20	85	P4	4000	PENTODE SECTION.
117P7	17.0	JR-0700-0	0	70	--	----	RECT. SECTION. REVERSE METER. HOLD DOWN P6 AND PRESS P3.
117Z3	17.0	JR-0506-0	0	60	P3	----	NOTE 1.
117Z6	17.0	JR-0507-0	0	65	P3	----	PLATE NO. 1. NOTE 1.
117Z6	17.0	JR-0304-0	0	65	P3	----	PLATE NO. 2. NOTE 1.
X-155	6.3	EV-7608-9	20	88	P4	5000	TRIODE NO. 1.
X-155	6.3	EV-2103-9	20	88	P4	5000	TRIODE NO. 2.
GL502	6.3	JR-5367-0	--	55	P3	----	STRIKES AT ABOUT 70. NOTES 1 & 2.
CK502AX	1.1	DV-4120-0	21	7	--	550	HOLD DOWN P1 & PRESS P4.
CK503AX	1.1	DV-4120-0	23	7	--	550	HOLD DOWN P1 & PRESS P4.
CK512AX	0.6	DV-4210-0	0	0	P1	----	OK ABOVE 300 ON 3000 SCALE. NOTE 1.
CK518AX	1.1	DV-4120-0	45	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK522AX	1.1	DV-4120-0	40	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK523AX	1.1	DV-4120-0	47	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK524AX	1.1	DV-4120-0	76	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK525AX	1.1	DV-4120-0	50	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK526AX	1.1	DV-4120-0	59	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK527AX	1.1	DV-4120-0	36	0	P5	----	OK ABOVE 200 ON 3000 SCALE. NOTE 1.
CK528AX	1.1	DV-4120-0	37	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK529AX	1.1	DV-4120-0	64	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK533AX	1.1	DV-4120-0	43	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK535AX	1.1	DV-4120-0	64	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK536AX	1.1	DV-4120-0	43	0	P5	----	OK ABOVE DIODES OK. NOTE 1.
CK541DX	1.1	DV-4120-0	37	0	P5	----	OK ABOVE 300 ON 3000 SCALE. NOTE 1.
CK542DX	1.1	DV-4210-0	15	0	P1	----	OK ABOVE 500 ON 3000 SCALE. NOTE 1.
CK543DX	0.6	DV-4210-0	0	0	P1	----	OK ABOVE 275 ON 3000 SCALE. NOTE 1.
CK544DX	1.1	DV-4120-0	32	0	P5	----	OK ABOVE 300 ON 3000 SCALE. NOTE 1.
CK546DX	1.5	DV-4210-0	0	0	P1	----	OK ABOVE 700 ON 3000 SCALE. MAKE NO GAS TEST. NOTE 1.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
GL546	6.3	JR-3752-0	--	66	P3	----	STRIKES AT ABOUT 72. NOTES 1 & 2.
CK547DX	1.1	DV-4120-0	33	0	P5	----	OK ABOVE 500 ON 3000 SCALE. NOTE 1.
CK548DX	1.1	DV-4120-0	49	0	P5	----	OK ABOVE 500 ON 3000 SCALE. NOTE 1.
TS251	50.0	JR-5347-6	28	70	P4	1800	PENTODE SECTION.
TS251	50.0	JR-0602-3	0	50	P3	----	RECT. SECTION. NOTE 1.
396A	6.3	KR-7608-0	20	88	P4	5000	TRIODE NO. 1.
396A	6.3	KR-3402-0	20	88	P4	5000	TRIODE NO. 2.
399A	1.1	DX-6210-0	0	48	--	1000	HOLD DOWN P1 & PRESS P4.
401A	6.3	JR-3567-0	10	73	--	2000	HOLD DOWN P1 & PRESS P4.
403A	6.3	JR-3562-0	24	65	P4	1500	
403B	6.3	JR-3562-0	0	86	P4	3200	
420A	12.6	EV-6807-3	0	56	P4	1200	TRIODE NO. 1.
420A	12.6	EV-3102-6	0	56	P4	1200	TRIODE NO. 2.
CK505AX	0.6	DV-4210-0	0	0	P1	----	OK ABOVE 275 ON 3000 SCALE. NOTE 1.
CK506AX	1.1	DV-4120-0	35	0	--	500	HOLD DOWN P1 & PRESS P4.
CK510AX	0.6	EX-1230-0	0	0	P5	----	OK ABOVE 100 ON 3000 SCALE. NOTE 1.
CK510AX	0.6	EX-6530-0	0	0	P5	----	OK ABOVE 100 ON 3000 SCALE. NOTE 1.
CK556AX	1.1	ES-3100-0	30	67	P4	1600	
CK568AX	1.1	ES-3100-0	38	21	P4	650	
CK569AX	1.1	DV-4120-0	12	31	--	750	HOLD DOWN P1 & PRESS P4.
CK571AX	1.1	DU-7120-0	60	73	--	160	HOLD DOWN P1 & PRESS P4. OK ABOVE 100.
CK573AX	1.1	CU-3100-0	42	73	P4	2000	
CK574AX	0.6	DV-4210-0	0	0	P1	----	OK ABOVE 275 ON 3000 SCALE. NOTE 1.
CK578AX	1.1	DV-4120-0	37	42	P4	900	
CK605CX	6.3	DU-7126-5	24	65	P4	1500	
CK606BX	6.3	CT-0104-0	0	79	P1	----	DIODE. NOTE 1.
CK608CX	6.3	DU-5106-0	26	81	P4	3000	
CK619CX	6.3	CT-4105-0	16	73	P4	2000	
629	2.5	JR-3204-0	--	92	P5	----	STRIKES AT ABOUT 22. NOTES 1 & 2.
801A	7.5	JR-3200-0	0	65	P4	1500	
802	6.3	JR-4036-5	0	73	P4	2000	CAP = P.
807	6.3	JR-3024-0	25	85	P4	3800	CAP = P.
809	6.3	JR-3000-0	0	69	P4	1700	CAP = P.
811	6.3	JR-3000-0	0	60	P4	1350	CAP = P.
812	6.3	JR-3000-0	0	75	P4	2000	CAP = P.
815	6.3	HV-8043-1	25	86	P4	4000	PENTODE NO. 1. LEFT CAP = P.
815	6.3	CV-1043-8	25	86	P4	4000	PENTODE NO. 2. RIGHT CAP = P.
816	3.0	JR-0000-0	0	70	P3	----	CAP = P. NOTE 1.
SD828A	6.3	EW-3152-0	22	73	P4	2000	
SD828E	6.3	EW-3051-2	17	80	P4	2900	TOP LEAD = P.
834	7.5	JR-0000-0	0	68	P4	1650	NEAR CAP = G. FAR CAP = P.
836	4.3	JR-0000-0	0	55	P3	----	CAP = P. NOTE 1.
837	12.6	JR-4036-5	0	80	P4	2850	CAP = P.
841	7.5	JR-3200-0	15	48	P4	1000	
842	7.5	JR-3200-0	52	55	P4	1150	
843	2.5	JR-3204-0	12	67	P4	1625	
864	1.1	JR-3200-0	45	21	P4	650	
865	7.5	JR-3020-0	35	18	P4	625	CAP = P.
879	2.5	JR-0000-0	0	87	P5	----	CAP = P. NOTE 1.
SD917A	6.3	DU-2105-0	22	65	P4	1500	
SN944	6.3	EW-3051-2	15	77	P4	2400	TOP LEAD = P.
SN946	6.3	CT-0104-0	0	79	P1	----	DIODE. NOTE 1.
SN946B	6.3	CT-0104-0	0	79	P1	----	DIODE. NOTE 1.
SN947C	6.3	CU-6135-0	44	87	P4	4500	
SN947D	6.3	DW-1572-0	44	87	P4	4500	
SN949C	6.3	DW-7105-2	--	65	P3	----	STRIKES AT ABOUT 78. NOTES 1 & 2.
950	2.0	JR-3240-0	45	45	P4	950	
951	2.0	JR-0230-0	17	35	--	800	CAP = G. HOLD DOWN P1 & PRESS P4
SN953D	6.3	DW-1572-0	15	87	P4	4700	
954	6.3	JR-7036-4	23	53	P4	1100	CAP = P.
SN954	6.3	ES-0103-0	0	40	P3	----	NOTE 1.
SN954B	6.3	DW-0205-0	0	40	P3	----	NOTE 1.
955	6.3	JR-4306-0	24	72	P4	1900	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
SN955B	6.3	DW-1708-4	19	81	P4	3000	TRIODE NO. 1.
SN955B	6.3	DW-2508-4	19	81	P4	3000	TRIODE NO. 2.
956	6.3	JR-7036-4	17	65	P4	1500	CAP = P.
SN956B	1.1	BS-0000-0	0	0	P3	----	TOP LEAD = P. CONNECT FIL LEADS TO PINS 1 & 2 OK ABOVE 200 ON 3000 SCALE. NOTE 1.
957	1.5	JR-4300-0	33	21	P4	650	
SN957A	6.3	FT-4102-0	29	75	P4	2200	
958	1.5	JR-4300-0	39	56	P4	1200	
959	1.5	JR-7030-0	20	15	--	600	CAP = P. HOLD DOWN P1 & PRESS P4
SN972D	6.3	DW-1574-0	19	73	P4	2000	
SN973B	6.3	GT-1574-0	19	78	P4	2500	
SN976C	6.3	DW-1572-0	44	87	P4	4500	
SD993C	6.3	DW-1805-0	25	84	P4	3600	
SD995B	6.3	DW-1574-0	19	73	P4	2000	
FM-1000	6.3	JR-2453-6	0	31	P4	750	NO. 1. GRID.
FM-1000	6.3	JR-6453-2	0	42	P4	900	NO. 2. GRID.
1005	6.3	GX-0305-0	0	96	P5	----	PLATE NO. 1. NOTE 1.
1005	6.3	GX-0503-0	0	96	P5	----	PLATE NO. 2. NOTE 1.
SN1006	6.3	FT-4102-0	19	62	P4	1400	
CK1027	---	AP-0807-0	0	91	P5	----	CAP = P. NOTE 1.
CK1042	---	AP-0105-0	0	40	P2	----	NOTE 1.
E1148	6.3	JR-0007-0	0	75	P4	2200	UPPER CAP = P. LOWER CAP = G.
1201	6.3	JS-1304-0	17	81	P4	3000	
1203	6.3	JR-0407-0	0	70	P1	----	DIODE. NOTE 1.
1204	6.3	HS-5314-0	0	67	P4	1600	
1216	6.3	JR-5207-0	26	81	P4	3000	TRIODE NO. 1.
1216	6.3	JR-6307-0	26	81	P4	3000	TRIODE NO. 2.
1229	2.0	JR-0230-0	20	20	--	640	
1230	2.0	JR-3200-0	43	42	P4	900	CAP = G. HOLD DOWN P1 & PRESS P4
1231	6.3	JR-6237-4	16	78	P4	2500	
1232	6.3	JR-6237-4	20	73	P4	2000	
1237	2.5	JR-0300-0	0	77	P3	----	PLATE NO. 1. NOTE 1.
1237	2.5	JR-0600-0	0	77	P3	----	PLATE NO. 2. NOTE 1.
1247	0.6	EV-0000-0	0	0	P1	----	TOP LEAD = P. DIODE. NOTE 1.
HY1269	12.6	JR-3024-0	0	85	P4	4000	CAP = P. SHORT ON 3. SHORT ON 1 FOR TESTERS HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000.
1273	6.3	JR-6237-4	22	60	P4	1300	
1274	6.3	JR-0507-3	0	33	P3	----	PLATE NO. 1. NOTE 1.
1274	6.3	JR-0307-5	0	33	P3	----	PLATE NO. 2. NOTE 1.
1280	12.6	JR-6237-4	22	60	P4	1300	
1284	12.6	JR-6237-4	23	73	P4	2000	
1285	25.0	JR-5347-0	33	88	P4	5000	
1291	2.5	BY-6700-0	27	65	P4	1500	TRIODE NO. 1.
1291	2.5	JR-3200-0	27	65	P4	1500	TRIODE NO. 2.
1293	1.5	JR-6200-0	28	60	P4	1300	
1294	1.5	JR-0407-0	0	40	P1	----	NOTE 1.
1299	2.5	JR-6230-0	36	74	P4	2100	
SR1553D	6.3	JR-2305-0	0	89	P4	5300	
1603	6.3	JR-0235-4	20	57	P4	1225	CAP = G.
1609	1.1	JR-3240-0	0	27	--	700	HOLD DOWN P1 & PRESS P4.
1612	6.3	JR-0347-5	23	21	P4	650	CAP GRID. CAP = G.
1612	6.3	JR-5347-2	23	21	P4	650	PIN GRID.
1613	6.3	JR-5347-0	23	73	P4	2000	
1614	6.3	JR-5347-2	17	88	P4	5000	
1619	2.5	JR-5340-7	12	83	P4	3400	
1620	6.3	JR-0347-5	20	57	P4	1225	CAP = G.
1621	6.3	JR-5347-0	23	73	P4	2000	
1622	6.3	JR-5347-0	17	88	P4	5000	
1623	6.3	JR-3000-0	0	75	P4	2200	CAP = P.
1624	2.5	JR-3020-0	0	82	P4	3200	CAP = P.
1625	12.6	JR-4036-0	25	85	P4	3800	CAP = P.
1626	12.6	JR-5307-0	46	74	P4	2100	

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
1629	12.6	JR-5407-0	--	--	P4	----	EYE OPEN.
1629	12.6	JR-5437-0	--	--	P4	----	EYE CLOSED.
1631	12.6	JR-5347-2	17	88	P4	5000	
1632	12.6	JR-5347-0	0	92	--	8000	HOLD DOWN P1 & PRESS P4.
1633	25.0	JX-4506-0	23	79	P4	2600	TRIODE NO. 1.
1633	25.0	JX-2103-0	23	79	P4	2600	TRIODE NO. 2.
1634	12.6	JX-4506-2	0	60	P4	1325	TRIODE NO. 1.
1634	12.6	JX-3106-2	0	60	P4	1325	TRIODE NO. 2.
1635	6.3	JR-4307-0	0	35	P4	800	TRIODE NO. 1.
1635	6.3	JR-5607-0	0	35	P4	800	TRIODE NO. 2.
1641	5.0	JR-0000-0	0	40	P3	----	LEFT CAP = P. NOTE 1.
1641	5.0	BY-0000-0	0	40	P3	----	RIGHT CAP = P. NOTE 1.
1642	6.3	JR-4506-0	35	62	P4	1375	TRIODE NO. 1.
1642	6.3	JR-0302-0	35	62	P4	1375	TRIODE NO. 2. CAP = G.
1644	12.6	JW-2751-3	0	75	P4	2150	PENTODE NO. 1.
1644	12.6	JW-3451-2	0	75	P4	2150	PENTODE NO. 2.
1654	1.5	DX-0000-0	0	67	P5	----	CAP = P. SHORT ON 3. NO SHORTS FOR TESTERS HAVING SERIAL NUMBERS ABOVE 135-, 136-, OR 138-10000. NOTE 1.
1658	2.0	JR-3200-0	43	42	P4	900	
1659	2.5	JR-0205-0	14	31	P4	750	TRIODE SECTION. CAP = P.
1659	2.5	JR-0405-0	0	32	P1	----	DIODE NO. 1. NOTE 1.
1659	2.5	JR-0305-0	0	32	P1	----	DIODE NO. 2. NOTE 1.
1851	6.3	JR-0347-5	0	88	P4	5000	CAP = G.
1852	6.3	JR-4765-3	0	88	P4	5000	
1853	6.3	JR-4765-3	0	84	P4	3500	
5516	6.3	JR-5032-0	0	85	P4	4000	CAP = P. SHORT ON 1.
5556	4.3	JR-3200-0	26	47	P4	980	
5591	6.3	JR-3562-0	0	86	P4	3200	
5603	6.3	JR-4760-3	24	85	P4	4000	
5608A	2.5	JR-5604-2	0	65	P4	1500	TRIODE NO. 1.
5608A	2.5	JR-3204-6	0	65	P4	1500	TRIODE NO. 2.
5610	6.3	JR-6302-0	27	85	P4	4000	
5618	6.3	DX-6218-0	0	81	P4	3000	
5633	6.3	EW-3051-2	15	77	P4	2400	TOP LEAD = P.
5634	6.3	EW-3051-2	17	80	P4	2900	TOP LEAD = P.
5635	6.3	DW-1708-4	19	81	P4	3000	TRIODE NO. 1.
5635	6.3	DW-2508-4	19	81	P4	3000	TRIODE NO. 2.
5637	6.3	DU-2105-0	22	65	P4	1500	
5638	6.3	EW-3152-0	22	73	P4	2000	
5639	6.3	DW-1572-0	15	87	P4	4700	
5640	6.3	DW-1572-0	44	87	P4	4500	
5641	6.3	DW-0205-0	0	40	P3	----	NOTE 1.
5645	6.3	FT-4102-0	29	75	P4	2200	
5646	6.3	FT-4102-0	19	62	P4	1400	
5647	6.3	CT-0104-0	0	79	P1	----	DIODE. NOTE 1.
5659	12.6	JR-5347-0	18	81	P4	3000	
5660	12.6	JR-0367-0	20	55	P4	1150	PENTODE SECTION. CAP = G.
5660	12.6	JR-0567-0	0	40	P1	----	DIODE NO. 1. NOTE 1.
5660	12.6	JR-0467-0	0	40	P1	----	DIODE NO. 2. NOTE 1.
5661	12.6	JR-4765-3	12	73	P4	2000	
5662	6.3	JR-3705-0	--	95	P5	----	STRIKES AT ABOUT 24. NOTES 1 & 2.
5663	6.3	JR-3752-0	--	70	P3	----	STRIKES AT ABOUT 76. NOTES 1 & 2.
5679	6.3	JR-0607-5	0	70	P1	----	DIODE NO. 1. NOTE 1.
5679	6.3	JR-0302-5	0	70	P1	----	DIODE NO. 2. NOTE 1.
5690	6.3	JW-0507-3	0	60	P3	----	UNIT NO. 1. NOTE 1.
5690	6.3	BS-0304-5	0	60	P3	----	UNIT NO. 2. NOTE 1.
5691	6.3	JX-4506-1	7	58	P4	1250	TRIODE NO. 1.
5691	6.3	JX-2103-5	7	58	P4	1250	TRIODE NO. 2.
5692	6.3	JX-4506-1	23	79	P4	2600	TRIODE NO. 1.
5692	6.3	JX-2103-5	23	79	P4	2600	TRIODE NO. 2.
5693	6.3	JR-4765-3	11	58	P4	1650	
5694	6.3	JR-4302-0	0	73	P4	2000	TRIODE NO. 1.

SEE NEXT PAGE FOR CONTINUATION

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS FOR EXPLANATIONS - SEE BACK COVER
5694	6.3	JR-5607-0	0	73	P4	2000	TRIODE NO. 2.
5731	6.3	JR-4306-0	20	75	P4	2200	
5732	6.3	JR-0347-5	18	63	P4	1450	CAP = G.
5742	4.3	JR-3200-0	10	39	P4	850	
5785	1.1	GX-0100-0	0	0	P1	----	DIODE. NOTE 1.
5812	6.3	JR-3560-2	28	86	P4	4300	
5823	OFF	AP-0391-0	0	91	P5	----	CONNECT 1.5 MEGOHM RESISTOR BETWEEN PINS 8 & 9 OF NOVAL SOCKET. NOTE 1.
5824	25.0	JR-5347-0	55	85	P4	4000	
5825	1.5	JR-0000-0	0	0	P5	----	CAP = P. OK ABOVE 500 ON 3000 SCALE. NOTE 1.
5838	12.6	JR-0507-0	0	0	P3	----	PLATE NO. 1. NOTE 1.
5838	12.6	JR-0307-0	0	0	P3	----	PLATE NO. 2. NOTE 1.
5839	25.0	JR-0507-3	0	25	P3	----	PLATE NO. 1. NOTE 1.
5839	25.0	JR-0307-5	0	25	P3	----	PLATE NO. 2. NOTE 1.
5851	2.5	HR-8360-0	33	67	P4	1600	
5854	1.1	DV-4120-0	42	0	P4	500	
5875	1.1	DV-4120-0	11	68	P4	1850	
5879	6.3	EV-1873-9	20	48	P4	1000	
5886	1.1	DU-7210-0	30	0	P1	----	OK ABOVE 500 ON 3000 SCALE. NOTE 1.
5910	1.5	DX-6210-0	19	42	P4	900	
5967	1.1	ES-6801-3	35	56	P4	1200	TRIODE NO. 1.
5967	1.1	ES-3108-6	35	56	P4	1200	TRIODE NO. 2.
5992	6.3	JR-5347-0	14	84	P4	3500	
6000	25.0	JR-2573-0	12	89	P4	5500	
6004	5.0	HR-0000-0	0	18	P3	----	NEAR CAP = P. NOTE 1.
6004	5.0	HR-0000-0	0	18	P3	----	FAR CAP = P. NOTE 1.
6007	1.1	DV-4210-0	13	0	P1	----	OK ABOVE 500 ON 3000 SCALE. NOTE 1.
6008	0.6	DV-4210-0	13	0	P1	----	OK ABOVE 200 ON 3000 SCALE. NOTE 1.
6026	6.3	EV-7803-0	25	86	P4	4300	
6029	1.1	CU-3100-0	42	73	P4	2000	
6087	5.0	HR-0600-0	0	22	P3	----	PLATE NO. 1. NOTE 1.
6087	5.0	HR-0400-0	0	22	P3	----	PLATE NO. 2. NOTE 1.
6088	1.1	DV-4120-0	20	0	--	500	HOLD DOWN P1 & PRESS P4.
6094	6.3	DV-1428-0	10	86	P4	4100	
6099	6.3	JR-5207-0	21	81	P4	3000	TRIODE NO. 1.
6099	6.3	JR-6307-0	21	81	P4	3000	TRIODE NO. 2.
6100	6.3	JR-6307-0	25	75	P4	2200	
6101	6.3	JR-5207-6	21	85	P4	4000	TRIODE NO. 1.
6101	6.3	JR-6307-5	21	85	P4	4000	TRIODE NO. 2.
6106	5.0	HR-0600-0	0	35	P3	----	PLATE NO. 1. NOTE 1.
6106	5.0	HR-0400-0	0	35	P3	----	PLATE NO. 2. NOTE 1.
6113	6.3	JX-4506-1	7	58	P4	1250	TRIODE NO. 1.
6113	6.3	JX-2103-5	7	58	P4	1250	TRIODE NO. 2.
6145	6.3	JR-6237-4	0	89	P4	5500	
6147	2.5	HR-8360-0	33	67	P4	1600	
6169	6.3	DW-1204-0	15	86	P4	4000	
6184	6.3	DW-0204-8	0	78	P1	----	DIODE NO. 1. NOTE 1.
6184	6.3	DW-0705-8	0	78	P1	----	DIODE NO. 2. NOTE 1.
6188	6.3	JX-4506-1	8	56	P4	1200	TRIODE NO. 1.
6188	6.3	JX-2103-5	8	56	P4	1200	TRIODE NO. 2.
6355	6.3	FR-3827-0	0	--	P4	----	EYE 1 OPEN. EYE 2 CLOSED.
6355	6.3	FR-8327-0	0	--	P4	----	EYE 2 OPEN. EYE 1 CLOSED.
6877	6.3	DV-1408-0	65	85	P4	3700	
6888	6.3	JR-4765-3	35	77	P4	2300	
6954	6.3	JR-3562-7	10	71	P4	1850	
7193	6.3	JR-0007-0	0	81	P4	3000	UPPER CAP = G. LOWER CAP = P.
8013A	4.3	JR-0000-0	0	82	P5	----	CAP = P. NOTE 1.
8016	1.1	JR-0000-0	0	80	P5	----	CAP = P. OK ABOVE DIODES OK. NOTE 1.
9001	6.3	JR-3567-0	20	53	P4	1100	
9002	6.3	JR-6307-0	25	72	P4	1900	
9003	6.3	JR-3562-0	12	65	P4	1500	
9004	6.3	JR-0304-0	0	75	P1	----	DIODE. NOTE 1.
9005	4.3	JR-0403-0	0	67	P1	----	DIODE. NOTE 1.

TUBE TYPE	FIL.	SELECTORS	BIAS	ENG	PRESS	MUT. COND	NOTATIONS
							FOR EXPLANATIONS - SEE BACK COVER
9006	6.3	JR-0307-0	0	65	P1	----	DIODE. NOTE 1.
38142	7.5	JR-3200-0	37	75	P4	2000	
XXB	2.5	BY-5600-0	10	53	P4	1100	TRIODE NO. 1.
XXB	2.5	JR-4300-0	10	53	P4	1100	TRIODE NO. 2.
XXD	12.6	JR-5607-0	23	79	P4	2600	TRIODE NO. 1.
XXD	12.6	JR-4302-0	23	79	P4	2600	TRIODE NO. 2.
XXFM	6.3	JR-3204-0	6	42	P4	900	TRIODE SECTION.
XXFM	6.3	JR-0504-0	0	45	P1	----	DIODE NO. 1. NOTE 1.
XXFM	6.3	JR-0607-0	0	45	P1	----	DIODE NO. 2. NOTE 1.
XXL	6.3	JR-6207-0	20	81	P4	2600	

ADAPTERS

for

TUBE TESTERS

As new tube types with new basing arrangements are developed, Hickok makes Adapters to accommodate them. These Adapters consist of the new bases which plug into a socket on your Tube Tester and thus enlarge its scope to the extent of the new basings. This Hickok policy greatly extends the useful life of your Tester. Consult the following list of Adapters with

their descriptions to determine which Adapter meets your requirements. Please order by both Model and Code number of the Adapter, as well as indicating the Model and Serial number of the Tube Tester with which the Adapter is to be used. Prices listed below are subject to change without notice.

Model No.	Code No.	Description	Net Price
CA-4	1050-135	Universal Adapter, with sockets for testing Compactron, Novar, 5 and 7-pin Nuvistors, and Ten-Pin (not Decal) tube types. For use with Hickok Tube Testers not equipped with above sockets. Not available for obsolete Tube Testers such as Models 532, 533, 534, 536, 538, 539A, 546, 600, and 605	\$59.50
SA-1	1050-94	Subminiature Adapter, with sockets for testing 7-pin inline and 8-pin round tube types on some early units of Models 539B, 539C, 580, 750, 752, 752A, 6000, 6000A, and 6005 Tube Testers that were not supplied with these sockets on their panels, although most of the above Testers are equipped with these sockets. Check your particular Tester before ordering.	\$10.80
SA-2	1050-99	Subminiature Adapter, with sockets for testing 7-pin inline and 8-pin round tube types on some early units of Models 533A, 600A, 800, 800A, and 1575 Tube Testers that were not supplied with these sockets on their panels, although most of the above Testers are equipped with these sockets. Check your particular Tester before ordering.	\$10.80
SA-3	1050-127	Nuvistor Adapter, for testing 5-pin Nuvistor tube types on all Hickok Tube Testers not supplied with this socket on the panel. NOTE: This socket is also on the CA-4, 1050-135, Universal Adapter. If you have a Universal Adapter, this Nuvistor Adapter is unnecessary.	\$10.80
SA-4	1050-144	Novar Adapter, for testing all Novar tube types on all Hickok Tube Testers not supplied with this socket on the panel. NOTE: This socket is also on the CA-4, 1050-135, Universal Adapter. If you have a Universal Adapter, this Novar Adapter is unnecessary.	\$10.80
SA-5	1050-129	Rimlock Adapter, for testing Foreign Rimlock tube types on all Hickok Tube Testers.	\$16.80
SA-6	1050-107	Septar Adapter, for testing Septar tube types such as 829B, 832A, etc., on all Hickok Tube Testers.	\$17.70
SA-7	1050-9	Acorn Adapter, for testing Acorn tube types on all Hickok Tube Testers not supplied with this socket on the panel.	\$20.10
SA-8	1050-168	Magnoval Adapter, for testing Magnoval tube types on all Hickok Tube Testers not supplied with this socket. CAUTION: Any attempt to force a Magnoval tube type into a Novar socket (it can be done), will spread the pin contacts in the socket and render it permanently useless for testing Novar tube types.	\$10.80
SA-9	1050-121	Pencil Tube Adapter, for testing Pencil tube types on all Hickok Tube Testers.	\$11.95
SA-11	1050-177	Decal Adapter, for testing 10-pin Decal tube types on all Hickok Tube Testers not supplied with this socket on panel. The following list of early Hickok Tube Testers also require a CA-4, 1050-135, Universal Adapter be used in conjunction with this Adapter: Models 533A, 539B, 600A, 605A, 750, 752, 800, 1575, 6000, and 6005.	\$10.80

NOTATIONS

NOTE 1: (symbol "★" on Roll Chart) Read on ENGLISH scale, only.

NOTE 2: (symbol " # " on Roll Chart) Set BIAS at 100, press and hold down proper button while rotating BIAS dial until tube strikes.

NOTE 3: For TUBE TESTER Model 800, the Universal Adapter CA-4, 1050-135, is available for testing tubes with the more recent type basings, such as Compactrons, Novars, Nuvistors, and Ten-Pin (not Decal) types. Ten-Pin Decal types require the use of Adapter SA-11, 1050-177, in addition to the CA-4 Adapter. Test data for these tubes is supplied in supplementary form with the adapter.

NOTE 4: "Cut off" tube section NOT being tested by means of a 30 to 35 volt battery (Eveready 413, or equal). Polarity and connections are indicated in the NOTATIONS column: e. g., NOTE 4: 7-, 2+, indicates connect negative lead to pin 7 and positive lead to pin 2, of any convenient socket on the tester.

CAUTION: Disconnect battery between any change of SELECTORS.